

Cal Poly BRAE Students

Fall 2012

List of Resumes

SENIOR CLASS

433 - Ag Structures Design

Name	Page
Amador, Dominick	2
Brown, Robert	3
Digirolamo, Scott	4
Ellenson, Sean	5
Evans, Aaron	6
Ferro, Roman	7
Flowers, Zach	8
Fulton, Ryan	9
Geer, Evan	10
Hansen, William	11
Heredia, Nico	12
Hutcheson, Samuel	13
Lanfranki, John	14
Lau, Kevin	15
McGervey, Patrick	16
McKellar, Ryan	17
Moore, Matthew	18
O'Gorman, Jacob	19
Paulsen, Alex	20
Reenders, Chad	21
Roan, Darren	22
Sammons, Todd	23
Schmied, Olivier	24
Sween, Dominic	25
Venable, Jason	26

JUNIOR CLASS

312 - Hydraulics

Name	Page
Ambrosini, Kerilyn	27
Barajas, Jr., Arturo	28
Barksdale, Dakari	29
Blocher, Garret	30
Bushey, Linda	31
Caminata, Edward	32
Couch, Ted	33
Depetris, Gannon	34
Hillebrecht, Robert	35
Huntley, Jeffrey	36
Johnson, Kendal	37
Kloeppeper, Shelsie	38
Mahrt, Jeremy	39
Marron, Christian	40
Myers, Derek	41
Olsen, Hilary	42
Paris, Alex	43
Richards, Joshua	44
Rogers, Bradley	45
Schricker, Daniel	46
Soto, Weston	47
Sperling, Nathan	48
Tomac, James	49
Way, Riley	50

SOPHOMORE CLASS

236 - Principles of Irrigation

Name	Page
Adam, Tyler	51
Cady, Emily	52
Crouder, Garrett	53
Cruz, Carissah	54
Downing, Forrest	55
Equihua, Eddy	56
Fields, Jonathan	57
Fischer, Preston	58
Freedman, Jake	59
Gambrell, Delaina	60
Hernandez, Aldo	61
Hudelson, Travis	62
Hulak, Jennifer	63
Lopez-Martinez, Raul	64
Mayer, Sam	65
McCarthy, Nate	66
Pekin, Matthew	67
Pelfrey, Reid	68
Pinkard, Patrick	69
Rasmussen, Garrett	70
Sedigh, Soroush	71
Ulrich, Chase	72
Vazquez, Luis	73
Walker, Derek	74
Wright, Alexander	75

Dominick Amador
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- Objective** Seeking to attain a position as an assistant engineer within the agricultural industry such that I may contribute to the development and implementation of systems that will provide clean, plentiful water supplies in a sustainable and eco-friendly manner.
- Education**
- M.S. Water Engineering - California Polytechnic State University** **In Progress**
Specializing in irrigation system design and civil hydraulic systems
4.0 Graduate GPA
- B.S. Civil and Environmental Engineering - Cornell University** **December 2011**
Focus in watershed engineering, hydrology, and environmental quality
3.37 Overall GPA
- A.S. Mechanized Agriculture - Modesto Junior College** **June 2008**
- Work Experience**
- Student Engineer** **Turlock Irrigation District** **June 2012 – September 2012**
- Assisted the design and implementation of TID's ArcGIS system and SCADA software development.
 - Collected and compiled data for the Don Pedro and LaGrange Dam inspections and relicensing.
 - Updated the means of egress and emergency exiting procedures for district offices.
 - Drafted and assembled the TID Irrigation Construction and Engineering Design Standards.
- Research Assistant** **Cornell University Soil and Water Lab** **June 2011 – December 2011**
- Sustainable Development of Perennial Grass Bioenergy on Marginal Soils
 - Five million dollar research project under the USDA Sustainable Bioenergy Program
 - Lead Undergraduate Researcher – Daily management of a two to seven student team
 - Fate and Transport of Agricultural Nutrients in Macroporous Soils
 - Chemical Transport Facilitated by Colloidal Carbon Particles in Subsurface Flow of Agricultural Fields
- Welder / Maintenance** **Pork Power Farms** **July 2006 – August 2009**
- Knowledge of the practical application of engineering concepts including applying principles, techniques, procedures, and equipment from design to construction.
 - Skilled in welding techniques including SMAW, GMAW and GTAW welding methods on various materials. AWS Certified in structural mild steel.
 - Thorough knowledge of machines and tools, including their designs, uses, repair, and setup.
- Additional Skills**
- Software Proficiency:** Microsoft Office, AutoCAD, ArcGIS, MathCAD, C++, Java, Matlab, STELLA
- Lab and Research:** Ability to design and operate environmental simulations, maintain and run a variety of laboratory analysis equipment, data analysis, programming, data summary and report writing and editing.
- Activities and Memberships**
- Member of the American Society of Agriculture and Biological Engineers (ASABE)
 - ASABE International 1/4 Scale Design Competition Team Chairman
9th Place Overall finish of 28 teams (MJC is the only community college in the competition)
- Awards and Scholarships**
- Cornell Tradition Fellowship
 - Modesto Junior College Outstanding Agriculture Student
 - FFA American Farmer Degree Recipient

Robert Brown

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San Luis Obispo, CA 93405

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2395 Our Hill Lane
Paso Robles, CA 93446

OBJECTIVE:

- A career in the field of mechanical systems.

EDUCATION:

- **California Polytechnic State University**, San Luis Obispo, CA
- Bachelor of Science, BioResource and Agricultural Engineering.....Anticipated: June 2013
- 3.37 Major GPA

RELATED COURSEWORK:

- Introduction to Mechanical Systems in Agriculture
- Laboratory Skills and Safety
- Internal Combustion Engines
- Solid Works and AutoCAD Design Programs
- Microsoft Office (Word, Excel, and Power Point)
- Principles of Irrigation and Fluid Hydraulics
- Irrigation Engineering
- Equipment Engineering

EXPERIENCE:

Farmland Management Services, Madera Triangle T Ranch, Chowchilla, CA.....Summer 2012

- Management and installation of above ground drip irrigation system on 240 acres
- Operation of backhoe, front loader, and other farm tractors
- Installation of electronic spraying system on eight tree boom sprayers
- Construction and installation of hydraulic hoses on a CAT 613 Water Wagon
- Preparation and execution of three well abandonments

Venteux Vineyards, Templeton, CA2009-2011

- Brake system overhaul, installation of replacement engines, replacement clutches, and drive train components on four vintage Dodge Power Wagon trucks

Agricultural Engineering Society, Cal Poly

- American Society of Agricultural and Biological Engineers
 - National Representative.....2010-2011
 - Vice President.....2009-2010

Tractor Pull Club and Team, Cal Poly

- President.....2011-2012
- Vice President.....2010-2011
- Member.....2008-Present

Quarter Scale Tractor Design Team, Cal Poly

- Member.....2008-2010

Scott DiGirolamo

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Objective

Obtain a career where I can maximize my research skills, assist in program development, help the community, and help the planet.

Experience

Cal Poly Week of Welcome Orientation Leader Sep. 2010

- Extensive leadership training Apr. 2010- June 2010
- Introduced fifteen new students to the Cal Poly lifestyle and the San Luis Obispo area

REC Solar June 2012- Sep. 2012

- Worked with engineers and construction crew to install a solar ground mount
- Solar canvassing sales
- Participated in quarterly company wide conference calls

Education

California Polytechnic State University, San Luis Obispo, CA

- BS in BioResource and Agricultural Engineering
 - Expected Graduation: 2013
 - Class Standing: Fourth year
 - Major GPA: 3.1

Skills

- Engineering: Dynamics, Equipment Engineering, Hydraulics
- Communication: Public speaking, Door to door sales
- Sciences: Biology, Soil Science, Engineering Economics, Surveying, BioResource Engineering
- Computer: Computer interfacing with Programmable Logic Controllers, Microsoft products

References

Brad Sharp

415-342-2880

bradps@comcast.net

Justin Alvarez

805-709-8260

jualvarez@recsolar.com

Sean Phillip Ellenson

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Career Objective

To obtain an entry-level engineering internship position specializing in energy conservation and alternative energy research and design with an emphasis in hydropower.

Profile

Creative and able to provide technically feasible solutions to engineering problems taking into account factors such as cost and efficiency. Dedicated, determined and able to communicate complex engineering principles in a clear and understandable manner.

Education & Affiliation

California Polytechnic University – San Luis Obispo, Ca

Bachelors of Science in Bioresource and Agricultural Engineering

San Luis Obispo, Ca 93401

Major GPA – 3.32

Expected graduation date: Spring 2013

Skilled in structural and hydraulic design to accommodate all aspects of mechanical, electrical and fluid motion along with the forces and energy that drive them. Advanced education in mathematics, physics, systems and control, mechanics, chemistry, and material science.

Biodiesel Club – President (2011 to Present)

California Polytechnic University – San Luis Obispo, Ca

Elected president and oversaw group of engineering students in an attempt to build a biofuel enterprise at the University. Currently focusing on conversion of campus dining WVO to biodiesel via transesterification processes while upgrading a pilot-scale reactor. Plan to provide biodiesel to campus trucks/tractors to reduce university fuel expenditures during campus economic crisis.

Relevant Coursework

Statics, Dynamics, Advanced Strength of Materials, Drive System Mechanics, Physics (Waves/Optics, Mechanics, Electromagnetics), Electronics, Computer Interfacing, Computer Programming, Hydraulics, Irrigation (Theory, Design, Engineering), Agricultural Structures Planning, Bioresource Engineering, Soil Science, Chemistry, Calculus, Linear Analysis, Engineering Statistical Analysis, Technical Writing, Surveying, Drafting.

Experience

Paul Rys Genetic Farm – San Luis Obispo, Ca

Farming, planting, and general farm care 2010

Davenport Household – San Luis Obispo, Ca

General contracting, surveying, irrigation and drainage design 2010 to Present

Algae Biomass Conversion Project

Extracting lipids and transesterification 2 011 to Present

Personal Interests/Skills

Algae Biofuels, Landscaping/Construction, AutoCAD/Solidworks, Fork Lift Trained, Welding proficiency (MIG/TIG/SMAW)

(References/Letters of Recommendation available upon request)

Aaron Evans

655 Via Mira Valle Nipomo, CA 93444
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home phone: 805-929-5597
cell phone: 805-423-9015

Career Objective: To work full-time in the agricultural industry with concentration in farming and/or mechanical systems.

Education

California Polytechnic State University, San Luis Obispo, CA
Major: BioResource and Agricultural Engineering
GPA: 2.68
Tentative graduation date: December 2013

Coursework

-Engineering Surveying	-Agricultural Structures Planning	-Irrigation Theory
-Statics, Dynamics	-Intro to Mechanical Systems in Agriculture	-Irrigation Engineering
-Calculus Series	-Fundamentals of Construction Management	-Principles of Irrigation
-Physics Series (current)	-Heavy Civil Construction Management	-Basic Hydraulics
-Strength of Materials (current)	-Agricultural Structures Design (current)	-Senior Project (current)
-Fundamentals of Electricity	-Equipment Engineering (current)	

Experience

3/2011 – present

Rutiz Family Farms, Arroyo Grande, CA

Farm Stand/Farm Worker – Stock produce stand, cashier produce stand, wash/sort produce, carry boxes and crates of produce, box produce, pick vegetables and berries, move/assemble irrigation lines, deliver produce.

1/2011 – 4/2011

Cal Poly Corporation – Backstage Pizza, San Luis Obispo, CA

Cashier/Food Prep/Delivery Boy – Prepared pizzas, sandwiches, calzones, breads, and desserts, cashiered, cleaned work and dining area, washed dishes, delivered pizzas.

2003 – present

Self Employed, Nipomo, CA

Laborer – Performed general landscaping, fed animals, performed light/medium carpentry, light electrical, light plumbing/irrigation, post concrete work, digging, painting.

References

Jerry Rutiz

Farmer
Rutiz Family Farms
(805) 550-2012
info@rutizfarms.com

Mr. Erickson

Science, Math Teacher
Coastal Christian School
(805) 489-8874
mr.erickson@coastalchristianschool.com

Kevin Mullery

Homeowner
Nipomo, CA
(805) 929-3060

Roman Ferro

807 Second Street
Woodland, CA 95695

500 Foothill Blvd. #2
San Luis Obispo, CA 93405

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(530) 908-1360

Objective

To acquire a job as an agricultural engineer.

Education

California Polytechnic State University- San Luis Obispo, California
Bachelor of Science in **BioResource and Agricultural Engineering**
Degree expected: March 2013 Class Standing: Senior
Major GPA: 3.60

Activities

College:	High School:
President of the Cal Poly Wakeboard Club(CCAW)	4-H
Cal Poly Mini Baja Car Club	NHS
	Key Club

College Curriculum

Principles of Irrigation	Intro to Mechanics
Irrigation Theory	Engineering Surveying
Hydraulics(water)	AutoCAD
Irrigation Engineering	Fundamentals of Electricity
Technical Writing	

Work Experience

Monsanto

<i>Corn Plant Breeding Intern</i>	Woodland, CA	June- September 2011
<ul style="list-style-type: none">Analyzed and recorded breeding dataManaged pollination workers		

University of California, Davis

<i>Lab Assistant</i>	Davis, CA	2009 and 2010 Summers
<ul style="list-style-type: none">Organized and planted rice fields for research purposesManaged a crew of four people while plantingAnalyzed plant growth and recorded data		

References:

Alan Krivanek, Line Development Breeder: (530) 661-9315 (office)
James Jackson, Principal Agricultural Superintendent: (530) 752-2173
Robin Schlosser, Research Assistant: (530) 219-7512

ZACH FLOWERS

ZFLOWERS@CALPOLY.EDU

5 JULIANNA COURT, MORAGA, CA 94556

(925) - 899 - 1045

OBJECTIVE	To obtain an internship or co-op beginning in summer of 2013
EDUCATION	California Polytechnic State University, San Luis Obispo Bachelor of Science, BioResource and Agricultural Engineering, Mechanical Engineering Degree expected: June 2014 Class standing: Senior GPA: 3.1 overall
COURSEWORK	Soil Science, Land Surveying, AutoCAD, Solidworks, Technical Writing, Structural Planning, Mechanical Systems/Hydraulics, Calculus (I-IV), Linear Analysis (I & II), General Physics (I-III), Public Speaking, Statics, Dynamics (I & II), Thermodynamics, Strength of Materials (I & II), Fluid Dynamics (I & II), Computer Interfacing & Measurements, Engineering Economics, various water and irrigation classes, Engineering Economics, Structures, Engineering Design
SKILLS	>Motorcycle license >Quick learner (especially of things mechanical in nature) >Cost analysis, linear and binary programming, optimization and max flow >Proficient with shop tools including shears, brake presses, lathes, mills >MIG, TIG and Stick welding >Aluminum and mild steel fabrication >AutoCAD, SolidWorks, Matlab and Faciliworks >Proficient in Microsoft Office, including MS Project >PLC programming with SCADA and DirectSoft
WORK EXPERIENCE	Precision Castparts Corporation- Cherry Aerospace Summer 2012 >Completed many projects on time as assigned by various supervisors >Designed equipment that netted \$20,000 in annual savings >Managed facilities maintenance program, assigned tasks to personnel >Analyzed chemical makeup and concentration of electroplating solutions Craig Rosenberg, Engineer/Homeowner Summer 2008-Winter 2010 >Assisted in construction of house >Operated tractor
ACTIVITIES	>Vice President & Chief Engineer, Cal Poly Polybuilt Tractor Design Team 2011-present >Designed tractor pull tractor >Fabricated components >Managed team of peers in construction and assembly of tractor >Compiled presentations and reports >Managed budget of \$20,000 >Gathered and worked with sponsors to achieve mutual goals >Officer of the Agricultural Engineering Society >Hiking/camping >Bicycling >Taking things apart (and putting them back together)
REFERENCES	Keith Crowe, P.E. (805) 756-2378 kcrowe@calpoly.edu Andrew Holtz, Ph.D ajholtz@calpoly.edu Brad Walters- Chief Engineer, Cherry Aerospace (714) 850-6185 bwalters@cherryaero.com

Ryan E. Fulton

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refulton104@yahoo.com

PERMANENT ADDRESS
1350 Acacia Street
Red Bluff, CA 96080

Objective

To obtain a co-op or internship related to water management and conveyance by applying the principles of agricultural engineering.

Education

California Polytechnic State University – San Luis Obispo, California

Bachelor of Science in *BioResource and Agricultural Engineering*

Degree expected: June 2013 Class Standing: Senior Cum. GPA: 3.05 Major GPA: 3.60

Relevant Coursework

Irrigation Engineering, Irrigation Project Design, Irrigation Theory, Principles of Irrigation, Agricultural Structures Planning, Introduction to Mechanical Systems in Agricultural, Fundamentals of Electricity, AutoCAD, Drafting, Soil Science, Engineering Surveying, Statics, Dynamics, Strength of Materials, Visual Basic for Excel, Calculus, Chemistry, Physics, Economics

Work Experience

Irrigation Training and Research Center

June 2012 – Present

- Student Engineer
- Researched, conducted experiments, and analyzed data pertaining to irrigation methods, pump efficiencies, and irrigation management

Sunsweet Growers Inc.

Summer 2009 - 2011

- Introduced to food processing (sorting, washing, placement on trays, and drying)
- Certified forklift operator

Volunteer Experience

Tehama County Resource Conservation District

Summer 2011

- Performed distribution uniformity evaluations on irrigation systems (i.e. drip, micro-sprayers)

Corning Water District

Summer 2010

- Gained customer service experience
- Toured pump and filtration stations
- Shown application of a SCADA system in a water delivery system
- Developed a working program using Visual Basic for Excel

Organization Involvement

- McConnell Foundation Scholar's Program
- Family Care Network, INC
- United States Committee on Irrigation and Drainage

References

Mark Gilles, Manager
Sunsweet Growers Inc.
23385 Hogsback Road
Red Bluff, CA 96080
(530)527-3377

Jim Lowden, Manager
Corning Water District
22240 Gallagher Avenue
Corning, CA 96021
(530)824-2914

Rose Hablitzel, Owner
Rose Hablitzel, Enrolled Agent
20810 Bare Road
Red Bluff, CA 96080
(530)527-8225

Evan M. Geer

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phone: (503) 927-9624

Objective:

To apply my skills and experience at a water resources engineering or related organization.

Education:

Master of Science, Water Engineering, California Polytechnic University, San Luis Obispo In Progress

Cal Poly GPA: 3.96 - Expected Graduation Date: Spring 2013

- Relevant Coursework: Open Channel Hydraulics, Ground Water Hydrology, Urban Water Systems, Water Wells and Pumps, Hydraulic Systems Engineering, Irrigation Theory, Irrigation Project Design, Fluid Mechanics, Water Hydraulics, Principles of Irrigation, Dynamics, Statics, Strengths of Materials, Reinforced Concrete Design, Geology for Engineers, Auto CAD, Physics, Chemistry, Microbiology
- 1st place in hydraulics nozzle competition as lead designer
- Triathlon Team

Bachelor of Science, Mathematics, Computer Science Minor, College of Idaho 06/2006

- President of Finney Hall Dormitory
- President of Writer's Org student run writing club and workshop
- Volunteer Drop-in Tutor for college students through the Math Club
- Varsity Swimming

Professional Experience:

Student Engineer, Irrigation Training and Research Center (ITRC) 06/11 - present

- Designed water delivery and canal modernization facilities such as pumping plants, regulating reservoirs, and water recovery systems
- Collaborated with senior engineers to develop, implement and document more organized and efficient canal automation source code using ISaGRAF
- Developed a hierarchical nomenclature to create a Master Tag List of over 2000 variables including variable definitions, data-types, and applications to standardize source code implementation at all sites
- Audited new streamlined source code for errors

Independent Tutoring, Math, Physics and Engineering Tutor 01/06 - present

- Independent business providing tutoring for Math, Physics and Engineering

Information Technology Administrator Leadership and Entrepreneurship Public Charter High School 06/08 - 12/2010

- Developed, implemented and managed multiple transitions that improved financial and organizational efficiency
- Provided desktop, network and server support for a staff of 30 (Windows XP/Vista/7 and ubuntu 8.4-10.4)
- Supported student laptops (edubuntu) and ubuntu LTSP server and thin clients
- Managed Aruba Wireless network, Asterisk VOIP server, Zimbra Email and Windows 2003 server
- Managed software and hardware donations and acquisitions
- Substitute Teacher for night and day school programs
- Assistant Coach for Dragon Boat Team

Mathematics Teacher, Leadership and Entrepreneurship Public Charter High School 02/08 - 06/2009

- Served socioeconomically diverse population, teaching all levels of high school math
- Developed Project-Based Curricula
- Tutored students one on one during after school tutoring hour
- Assisted in Interview and Hiring of new Math Teacher Candidates
- Helped Coordinate Student Art Show

Volunteer Work and Achievements:

- **Volunteer Docent**, San Luis Obispo Art Museum 06/2011
- **Hurricane Katrina Relief Effort, De-mucking and Clean Up**, Hilltop Rescue and Relief 04/2006
- **Hurricane Katrina Relief Effort, Roof Reconstruction**, Potter's Clay 02/2006
- **Eagle Scout**, BSA Troop 206, Atherton, CA 06/2000

Personal Interests:

- Cello, Guitar, Photography, Writing, Literature, Web Design, Open Ocean Outrigger Canoeing, Triathlons

References:

Michael Hitchman, Ph. D
Professor, College of Idaho
(503) 883-2430

Lorna Fast Buffalo Horse
Principal/Director, LEP High
(503) 960-9177

Charles Burt, PE, Ph. D
Chairman, ITRC
(805) 756-2379

William T. Hansen

509-859-4799, wihansen@calpoly.edu

School Address

541 Luneta Dr.
San Luis Obispo, CA 93405

Home Address

110 Camion Rd
Ellensburg, WA 98926

Job Objective

To obtain an internship in the field of agriculture.

Education

California Polytechnic State University, San Luis Obispo
Bachelor of Science in BioResource and Agriculture Engineering
GPA: **3.136** Exp. Grad: **June 2013**

Technical Skills/ Coursework

- BRAE 151/152 – Proficient using AutoCAD and Solidworks
- BRAE 234 – Design fluid hydraulic power systems
- BRAE 328 – Design and build PLC programs, computer interfacing
- BRAE 331 – Irrigation theory, scheduling irrigation
- BRAE 403 – Ag engineering economics
- BRAE 414 – Irrigation engineering, design irrigation systems

Leadership/ Involvement

- Agriculture Engineering Society member
- Crops Club member
- Young Cattlemen Club member
- Young Farmers and Ranchers member

Work History

- Pacific SouthWest Irrigation – internship in Stockton, CA (Summer 2012)
 - Design drip and microsprayer irrigation systems
 - Irrigation system and pump maintenance
- Hansen Ranch and Farm – Tractor driver/ranch hand (2004-2010)
 - Animal husbandry, herd management, load and feed hay
 - Swath, bale, and hay, equipment maintenance, plowing and discing
- JBS Five Rivers – internship at Gilcrest, CO feedlot (Summer 2011)
 - Feed Mill – maintenance and daily production of feed for cattle
 - Herd Health – diagnosing and treatment of sick cattle daily

References

Joel Switzer, owner of Switzer Diesel Repair - (805) 438-5487
Elvin DeKoning, neighboring farmer and friend - (509) 968-3943
Jim Clare, owner of Pacific SouthWest Irrigation – (209) 986-0099

Nicholas Heredia

30571 Rock Rose Lane, Valley Center, CA 92082
Phone: (760) 717 8968 E-Mail: nheredia@calpoly.ed

OBJECTIVE To obtain a summer internship or co-op position in the field of engineering.

EDUCATION California Polytechnic State University, San Luis Obispo Fall 2009- Present
Bachelor of Science, BioResource and Agricultural Engineering

Related Coursework

CAD/ Solidworks for engineers	Mechanical Systems in Ag Physics
Structures Planning	Computer Programing with Excel
Irrigation Engineering	Fundamentals of Electricity
Engineering Surveying	Engineering Statics and Dynamics
Water Hydraulics	Engineering Design Graphics
Calculus	

EXPERIENCE Ellis Contracting, San Diego, CA Summer 2009-Present, and Seasonal
Commercial Construction Employee

- Involved with the installation of mechanical, electrical, and plumbing systems
- Shadowed superintendent for project site management, coordination and inspection process on multiple job sites
- Gained experience viewing and consulting architectural and structural engineering plans

PROJECTS Algae to Bio Fuel Conversion Project Fall 2009

- Grew three different types of algae for the project
- Established requirements for converting and producing Bio Fuel from the algae
- Learned how to delegate tasks and work as a team to achieve a common goal

Nozzle Design Fall 2011

- Designed a water propulsion nozzle for a class competition
- Gained hands on experience in project management, working as a team as well as designing and manufacturing an eight foot nozzle from scratch

ACTIVITIES Agricultural Engineering Society
United States Committee on Irrigation and Drainage
Member of Pi Kappa Alpha fraternity:

- Helped organize philanthropies such as Home Runs against Hazing

Cal Poly Rugby team
Member of the Cal Poly beach volleyball club

SKILLS

- Conversational Spanish
- AutoCAD and Solidworks
- Microsoft Office (Word, Excel, PowerPoint)
- Final Cut Pro
- After Effect

Samuel T. Hutcheson

Temporary: 1012 Del Rio Ave, San Luis Obispo, CA 93405 Cell: (559)-212-7240
Permanent: 17534 Lacey Blvd. Lemoore, CA, 93245 Email: hutcheso@calpoly.edu

Objective

To obtain a summer internship in the agricultural engineering field.

Education

California Polytechnic State University – San Luis Obispo, California
B.S. in BioResource and Agricultural Engineering
Class standing: Junior Major GPA: 3.8 Degree expected: June 2013

Experience

American Incorporated – Visalia, C.A. Student Engineer June 2012-September 2012

- Poured, formed, and finished concrete
- Designed, built, and installed steel platforms
- Basic HVAC and refrigeration design

ITRC Cal Poly – San Luis Obispo, C.A. Student Engineer January 2011-October 2012

- Irrigation Evaluations on Westland Water District
- General shop maintenance and repair on irrigation systems

Nichols Farms – Hanford, CA. Student Engineer Summer 2010

- Operated and repaired farm equipment
- Mixed chemicals for pesticides and herbicides

Northland Process Piping - Lemoore, CA. Student Engineer Summer 2007-2009

- Designed CNC programs for an automated water jet and ran the water jet
- Fabricated, Ground, polished, bended, and welded stainless steel; i.e. sanitary conveyors, pump bases

Coursework

- AutoCAD and Solidworks design and drawing
- Welding and fabricating metal
- Basic irrigation setup and operating, basic wiring

Honors and Involvement

- Best in Show for Ring Roller and 1st place trailer, Kings County Fair
- Agricultural Engineering Society member

Activities

- Designing and building projects for my vehicles and house: hay barn, horse arena
- AES (Ag. Engineering Society) active member
- Poly Goats Off Road Club active member

References

Jeff Friesen	Paramount Citrus	(661) 709-1985, jfriesen@paramountcitrus.com
Nate Strable	Project Manager	(559) 972-2785, nstrable@aminc.com
Johnny Starling	Farming Manager	(559) 584-6811, jstarling@nicholsfarms.com

John Lanfranki

1601 Edna Court Tracy, CA 93405
e-mail: jlanfranki@gmail.com
cell phone/voice-mail: 209-483-7447

OBJECTIVE To obtain a career that challenges my engineering education to solve problems facing the agricultural community

EDUCATION **California Polytechnic State University, San Luis Obispo, CA**
Expected Graduation: June 2013
Major: Bioresource and Agricultural Engineering
Concentration: Irrigation
GPA: 2.5

COURSEWORK

- ◆ Principles of Irrigation
- ◆ Advanced Surveying
- ◆ Hydraulics
- ◆ Soil Science
- ◆ Equipment Engineering (current)
- ◆ Ag Structures Design (current)
- ◆ Statics/Dynamics
- ◆ Strength of Materials

EXPERIENCE

Bay's Ranch, Westley, CA 06/2009 – 10/2009
Summer Intern— Operated tractors with a variety of implements in apricot, almond, and peach orchards as well as tomato and bean fields, coordinated with Spanish-speaking co-workers to efficiently harvest apricots and almonds, performed maintenance on a number of makes of tractors, prepared equipment for use in the field, learned the day-to-day operations of an agricultural business.

Savemart Supermarket, Tracy, CA 03/2008 – 10/2008
Service Specialist—performed store sweeps and general store maintenance, provided customer service at check stand to a diverse client base in a fast-paced environment, used communication skills to work cohesively with peers.

Dr. John Lanfranki, Patterson, CA 05/2000 – 10/2005
Summer Handyman – performed a variety of cleaning and upkeep duties in a medical office, responsible for yard maintenance and upkeep, kept medical records up to date, set-up and tested EKG machine, provided patients with welcoming environment.

SKILLS

- ◆ Microsoft Office (Word, Excel, Power Point)
- ◆ Drafting skills (manual, AutoCAD, SolidWorks)
- ◆ Conversational Spanish
- ◆ Computer Programming (C, VBA, Matlab, Ladder Logic)

ACTIVITIES

Sigma Nu Fraternity, Kappa Pi chapter
Fundraising Chair, 2009-2011— responsible for the procurement and expenditure of funds from public sources.

Pledge Class President, 2008

Active Member, 2008-2012

Agricultural Engineering Society
Student Member, 2008-present

Cal Poly Quarter Scale Tractor Pull Team
Travel Chair, 2012
Treasurer, 2008

REFERENCES

Ken Bays
Ranch Owner
Bay's Ranch
(209) 541-6126

Bo Thompson
Fraternity President
Sigma Nu
(916) 812-0484

Lisa Popst
Front End Manager
Savemart Supermarkets
(209) 803-2940

bo.thompson.45@gmail.com

Kevin Lau

1841 S. Los Robles Ave. San Marino, CA 91108
141 Seaview Ave. Pismo Beach, CA 93449
(626) 679-5670
kjlau@calpoly.edu

Career Objective: To obtain an engineering position where I can learn, apply my knowledge, and excel.

Education: **California Polytechnic State University, San Luis Obispo**
Bachelor of Science, **BioResource and Agricultural Engineering**
Expected Graduation: June 2013 Class standing: Senior
Cumulative GPA: 3.189 Concentration: Mechanical Systems

Relevant Course Work:

AutoCAD, Calculus, Drafting, Dynamics, Engineering Surveying, Fundamentals of Electricity, Hydraulics, Irrigation Engineering, Materials of Engineering, Mechanics of Materials, National Instruments – Lookout, Principles of Irrigation, Soil Science, Statistics, Statics, Technical Writing for Engineers, Thermodynamics, and Welding

Work Experience:

E&J Gallo Winery, Fresno June 2012 to September 2012
Process Technology Intern

- Designed step platform for G10 Centrifuge according to OSHA standards
- Generated AutoCAD drawings of hose racks to get quoted by contractors
- Implemented new system of organization for parts delivered to contractor site
- Implemented new cooperage line numbers to new cooperage tanks from processing equipment
- Procured materials and equipment for contractors
- Created and implemented punch lists for G10 Centrifuge
- Created and implemented Standard Operating Procedure documents for G10 Centrifuge
- Created Lock Out/Tag Out documents for G10 Centrifuge

Cal Poly SLO, BioResource and Agricultural Department Fall 2011 to Present
Grader

- Grade homework and test paper for Engineering Surveying Course and Fundamentals of Electricity Course

Lab Technician

- Designed new computer system for **Baldwin** testing machine used for tensile and compressive strength tests
- Generated requirements for the computer system
- Evaluated, selected and procured components (Processor, Memory, Hard Drive etc..)
- Completed cost analysis and proposal for the computer system
- Integrated and tested the new computer system
- Installed, upgraded, and repaired computers in Electronics lab

Experience:

Cal Poly Quarter Scale, San Luis Obispo, CA Fall 2010 to January 2012
Member

- Member of the 2012 National Quarter Scale competition team
- Designed wheelie bars in Autocad
- Built and integrated wheelie bars onto tractor
- Designed hitch for tractor in Solidworks
- Designed, built and integrated hitch for tractor
- Designed, built and integrated electrical box for quarter scale tractor

Leadership Skills:

Team Leader Fall 2009
• Intro to BRAE jobs term project
Procurement Leader June 2012 to September 2012
• E&J Gallo Winery, Fresno
Open House Representative September 2011 to June 2012
• Cal Poly Agricultural Engineering Society (AES) club

References:

Dr. Shaun Kelly Instructor, Project Advisor Cal Poly San Luis Obispo (805) 756-2725	Dr. Andrew Holtz Instructor, Advisor Cal Poly San Luis Obispo (805) 756-2385	Tom Mastin Instructor Cal Poly San Luis Obispo (805) 756-5391
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Education

California Polytechnic State University, San Luis Obispo

Bachelor of Science, December 2013

BioResource and Agricultural Engineering

Coursework

- Irrigation Engineering
- Water Wells and Pumps
- Hydraulics
- Principles of Irrigation
- Soil Science
- Engineering Surveying
- Strengths of Materials
- Physics
- Chemistry
- Calculus

Professional Experience

Lab Technician

Geotechnical Professionals Inc., Cypress, CA

8/11-present

- ◆ Lab testing(SMD, Atterberg Limits, Shear Stress)
- ◆ Observing instalation of APGD piles
- ◆ Sample drilling
- ◆ On-site grading testing

Guide Leader

Saddleback College, Mission Viejo, CA

7/08-8/11

- ◆ Leader of after school program
- ◆ Answered and confronted parent's issues
- ◆ Worked closely with community advisors in creating new curriculum

Group Leader

BRAE 312 Project, San Luis Obispo, CA

Fall 2011

- ◆ Designed a working model SCADA station
- ◆ Developed price estimates for working systems
- ◆ Composed research paper on emerging SCADA technologies

Activities

United States Committee on Irrigation and Drainage

Member: Winter 2011 to present

American Society of Agricultural and Biological Engineers

Member: 2011 to present

Technical Skills

Word, Excel, Powerpoint, Solid Works, Auto CAD, and C Programming

REFERENCES AVAILABLE ON REQUEST

Ryan McKellar
1218 Bond St.
San Luis Obispo, CA 93405
Rmckella@calpoly.edu
(805) 345-5129

Education

California Polytechnic State University - San Luis Obispo, California
Bachelor of Science in **BioResource and Agricultural Engineering**
Degree expected: June 2013 Class standing: Senior

Relevant Coursework: Ag Sales and Communication, Ag Economics, Farm Records, Soil Science, AutoCad, Solidworks, Principles of Irrigation, Hydraulics, Engineering Surveying, Principles of Electricity, Ag Structures Planning, Ag Mechanics, Statics, Dynamics, Thermodynamics, Statistics, Agricultural Irrigation and Management, Mechanics of Material I,II.

Experience

Jon McKellar PLS, Santa Maria CA

2004 - 2010

Chainman/Crew Chief

- Extensive operation of GPS in RTK and Static sessions
- Extensive operation of a Total Station and Robotic Total Station
- Compiled certificates of compliance.
- Experience in Topographic, Boundary, and ALTA surveys
- Auto Cad experience

Nichols Farms, Hanford CA

Summer 2012

Internship

- Managed Irrigation Scheduling Program
- Conducted Pressure Bombs on over 3,000 Acres of Pistachios and Almonds
- Irrigation System Repair
- General Farm Management

Leadership & Involvement

- Agricultural Engineering Society Officer (ASABE National Representative)
- American Society of Agricultural and Biological Engineers Officer (2nd IPC Vice President)
- High School Youth Ministry Leader

Volunteer Work

- FFA State Finals Group Leader
- 2009 San Luis Obispo Can Food Drive
- Boy Scout Surveying Badge Class
- Mentor for Advance High School Youth Program through Society of Petroleum Engineers

References

Stuart W. Styles (Director of I.T.R.C/Cal Poly Professor)	(805) 756-2429
Johnny Starling (Nichols Farm Ranch Manager)	(559) 737-1722
Alec Jevremovich (Santa Barbara County County Surveyor)	(805) 284-2328
Megan McGrath (LL Wine: Winemaker)	(805) 693-8082

Matthew M. Moore

855 Venable St, San Luis Obispo, CA, 93405
12825 Powerhouse Rd, Potter Valley, CA, 95469
707-489-2612, mmoore13@calpoly.edu

Objective:

To obtain a career in the agricultural industry associated with engineering

Education:

Potter Valley High School

4.0 Unweighted GPA, Valedictorian, June 2009

California Polytechnic State University, San Luis Obispo, CA

BS in BioResource and Agricultural Engineering

Expected Graduation: June 2013 3.12 Overall GPA

Work Experience:

Irrigation Training and Research Center(ITRC), Student Engineer

Cal Poly SLO, San Luis Obispo, Ca

4/2012-Present

- Conduct research and field work involving the water use of crops
- Designed/planned a pump station for an on campus reservoir(Nelson Reservoir)
- Worked on water allocation program for Fox Canyon Groundwater Management Association

Ag Industrial Manufacturing(A.I.M.), Summer Intern

Lodi, CA

6/2011-9/2011

- Manufactured and assembled five GH9000's(A.I.M. Grape Harvesters)
- Manufactured and assembled ten A.I.M. Standard Gondolas
- Repaired and serviced broken/old farming equipment
- Hydraulic system repair(Hoses, Seals, Cylinders, etc.)

J.S. Morris Engineering, Student Engineer

Redwood Valley, CA

6/2010-9/2010

- Built railcar bridge abutments
- Used total station and automatic level
- Poured concrete (Rebar, Forms, Finish Work, etc.)
- Welded steel frames

Honors/Achievements and Involvement:

Potter Valley High School Valedictorian, 2009

Potter Valley FFA Chapter President 2006-2009

National Football Foundation and College Hall of Fame Scholar Athlete, 2009

Sierra Madre Connections Honor Society, 2009-2010

California Scholarship Federation Lifetime Gold Seal Bearer

Agricultural Engineering Society 2009-Present

Cal Poly SLO Tractor Pull Club, 2009-Present

American Society of Agricultural and Biological Engineers (ASABE) CP SLO National Representative, 2011

Mendocino County Farm Bureau Scholarship Recipient, 2011, 2012

American Society of Agricultural and Biological Engineers (ASABE) Vice President, 2012

References:

Dr. Stuart Styles

ITRC Director

805-748-9036

sstyles@calpoly.edu

Paul Burkner

A.I.M. Vice Pres.

209-481-1085

pburkner@inreach.com

Jeff Morris

Professional Engineer

707-489-1511

morbridges@saber.net

Jacob P. O’Gorman

120 Del Norte Way, San Luis Obispo, CA 93405

Home: 23 Playa Blvd. Watsonville, CA 95076

(831) 246-1548 jogorman23@gmail.com

OBJECTIVE

To obtain a summer internship in the agricultural engineering industry.

EDUCATION

California Polytechnic State University, San Luis Obispo, CA

Bachelor of Science in BioResource and Agricultural Engineering

Overall GPA 3.00

Class Standing: Senior

Expected Grad: 2013

Relevant Coursework:	Land Surveying	Irrigation Design	Fundamentals of Electricity
	AutoCAD	Irrigation Theory	Calculus, Physics
	Hydraulics	Agricultural Structure Planning	
	Dynamics	Mechanics of Materials	

EXPERIENCE

Apprentice Carpenter, Beyers Construction, Hajduk Construction

Summer 2009-2012

Santa Cruz, California

- Constructed large custom homes
- Worked in a fast paced environment
- Worked as part of a team to build frames of custom homes and structures
- Read and interpreted blue prints
- Effectively used power tools in high volume woodworking

Instructional Student Assistant, Bioresource and Agricultural Engineering Department

Fall 2012

San Luis Obispo, California

- Assist students taking Statics and Dynamics
- Personally selected by instructor to tutor students

HONORS & ACTIVITIES

Catherine Wait Memorial Scholarship Award

- Awarded for participating in sports while maintaining high academics

Vice President, Poly Fly Fishers Chapter, Trout Unlimited

2010- Present

- Organize and lead club meetings
- Plan club events
- Assisted in initiating club

References

- Terry Byers – General Contractor, *Byers Construction*
Office Phone: 831-761-2170 Email: jterrybyers@sbcglobal.net
- Steve Hajduk – General Contractor, *Hajduk Construction*
Phone (cellular): 805-674-0633
- Stuart Styles – Professor, Academic Advisor, *Cal Poly University*
Email: sstyles@calpoly.edu

Alexander R. Paulsen

Local: 1542 Newport Street
San Luis Obispo, CA 93405
(406) 407-6640

Permanent: 33240 Bellamy Lane
Menifee, CA 92584
(406) 407-6640

Career Objective: To obtain a rewarding career in the civil/agricultural engineering or water resource industry.

Education: California Polytechnic State University, San Luis Obispo
Major: BioResource and Agricultural Engineering
Emphasis: Water Management and Civil Engineering
GPA: 3.01 Expected Graduation Date: June 2013

Relevant Coursework:

Principles/Theory of Irrigation, Soil Science, AutoCAD, Solid Works, Principles of BioResource Agricultural Engineering, Shop Skills and Safety, Calculus, Physics, Communications Chemistry, Critical Thinking and Writing, Engineering Drawing, Engineering Statics Dynamics, Mechanics of Materials, Irrigation Theory, Hydraulics, Engineering Land Surveying Equipment Design, Concrete Design, Electrical Engineering

Work Experience:

7/12 to Present: *Engineering Intern for the city of Anaheim, Public Utilities*

- Help professional engineers perform their duties more efficiently
- Learning the techniques of engineering water systems within cities
- Studied AWWA standards and their applications
- Analyzed water quality data

9/11 to Present_(part time): *Tech Support, College of Liberal Arts, Cal Poly, SLO*

- Help assist in correcting large and small scale computer issues
- Student Assistant/ Help Manage Over 200 Professor Computers
- Help manage the use of all CLA Computers and personal content

10/08 to 3/09: *JC Communications, Temecula, CA*

- Technician for a high paced company
- Installed T1 Phone Systems
- Installed Cat5/ Cat6 Cables
- Programmed telecommunication systems

References:

John May
Young Life Area Director
Young Life
(818) 731.1930

Susan Rood
Instructor
Ridgemoor Elem.
(951) 679.7124

Matt Hsieh
Pastor
Rancho Baptist Church
(951) 676.2911

Chad Reenders

Home: 6511 W. Damsen Ave., Visalia, CA 93291
School: 1441 Slack Street, San Luis Obispo, CA 93405
creender@calpoly.edu
(559)212-8290

OBJECTIVE

I am looking to obtain a career involved in agricultural engineering with a concentration in mechanical systems and equipment.

EDUCATION

California Polytechnic State University, San Luis Obispo
Bachelor of Science, **BioResource and Agricultural Engineering**
Degree expected: June 2013 Class Standing: Senior
Major GPA: 3.7

Related Coursework (to date):

Engineering Surveying	PLC and Logic
AutoCAD / Solid Works	Hydraulics/ Equipment Engineering
Engineering Design Graphics	Mechanics of Materials
Physics/Calculus	Statics/ Dynamics

EXPERIENCE

Case-New Holland America, New Holland, PA 2012
Crop Harvesting Field Test Intern (Summer)

- Executed engineering requests and tests
- Reported equipment successes and failures
- Operated and maintained of combines and headers
- Extensive field work and travel

Case-New Holland America, New Holland, PA 2011
Dino-Mechanical Lab Test Engineering Intern (Summer)

- Product Evaluation/ Validation
- Performed and documented tests for parts fatigue, stress, failure
- Set-up and tear-down of various tests
- Parts fabrication

Reenders Bros. Custom Harvesting, Hanford, CA 1997 – 2010
Student Engineer (Summers)

- Operated/ Maintained equipment
- Fabricated more durable replacement parts for equipment
- Performed basic welding/ hard facing, torching, and grinding

ACTIVITIES & INVOLVEMENT

Campus Crusade for Christ	2009 - 2012
Agricultural Engineering Society Member	2009 - 2012
Quarter Scale Tractor Design Team	2010 - 2011
United States Committee on Irrigation and Drainage Student Member	2010

REFERENCES

James Hitch Test Lab Sr. Project Engineer CaseNewHolland America (717) 808-1980	Dave Roach Architect/ Pilot Taylor Teter AE (559) 410-0541	Frank Zonneveld Dairyman/ Farmer Zonneveld Farms (559) 647-2332
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Darren J. Roan
Droan@calpoly.edu
1159 Vista Del Lago
San Luis Obispo CA 93405
(559) 361-7116

Career Objectives: to obtain a job working at an engineering firm

Education: California Polytechnic State University, San Luis Obispo
BS in: BioResource and Agricultural Engineering
Major GPA: 2.82 Expected to Graduate: June 2014

Work Experience:

Sage Catering, San Luis Obispo CA Date 12/11 to Present

- Crew Leader
- Client relations

USDA Sequoia National Forest, Porterville CA Date: 6/10 to 8/11

- Forestry Aid
- GPS and Data Collection
- Trimble data collection software

Todd and Unruh Construction, Porterville CA Date: 6/09 To 8/09:

- Assistant

General carpentry, plumbing, electrical, rough framing, use of power tools, measurement practices, concrete forms and pouring

Relevant Course Work:

Drafting, Engineering Surveying, Soil Science, Calculus1-4,
Physics1, 2&3, Statics, Dynamics, Hydraulics, Irrigation Theory
Strength of Materials, Intro to Ag Mechanics

Achievements /Activities

- Skills USA President /Vice President
- 2nd Place BioResource and Agricultural Engineering Poster competition
- President Sierra Madre Hall council
- Inter Housing council
- Intersivity Christian Fellowship (Area Coordinator)

References:

Jason Marcy
Project Supervisor
Teams Enterprises
559 359-8110

Kari Roose
Assistant Supervisor
Sage Catering
805-756-2047

Kyle Wright
Forrest Hydrologist
Sequoia Nat. Forrest
(559) 784-1500ext 1181

Todd Sammons

60 Casa Street #31, San Luis Obispo, CA 93405
(650) 704-4935
tsammons@calpoly.edu

Permanent Address:
1285 Oak Avenue
Redwood City, CA 94061

Education

California Polytechnic State University, San Luis Obispo, CA

Bachelor of Science, BioResource and Agricultural Engineering

Major GPA: 3.1

Expected graduation: June 2013

Junipero Serra High School, San Mateo, CA

Class of 2009

Activities

- Big Brothers Club
- Varsity football and lacrosse
- National Honor Society
- California Scholarship Federation

EXPERIENCE

Cal Poly University Housing

Vice President

2011-2012

- Acted as the governing body for 7,000 on-campus residents
- Ran the Housing Intramural League
- Manage the University Housing email account

dbi Beverage, Inc.

Merchandiser

Summer 2011

- Filled beer shelves and built displays at grocery and liquor stores
- Worked with salesmen and store managers to achieve mutual satisfaction
- Operated under strict time constraints

Poly Canyon Village Housing Council

Intramural Coordinator

2010-2011

- Organized available teams for over 2,500 students
- Met weekly with the Housing Council
- Planned monthly events

Associated Students, Inc.

Intramural Flag Football Referee

2010-Present

- Officiated flag football games for Cal Poly students
- Conducted meetings with team managers

Junipero Serra High School Sports & Recreation Camp

Counselor

2009-2011

- Trained new counselors
- Instructed groups of up to 20 on fundamentals of various sports

References

Sean Bartlett

Co-Director

Serra Summer Camp

seanr.bartlett@gmail.com

Kathy Parodi

Director

Serra Summer Camp

kparodi@gmail.com

Carole Shaffer

Associate Director of Housing

Cal Poly University Housing

cschaffe@calpoly.edu

Olivier Schmied

415 I Avenue
Coronado CA 92118
oschmied@me.com
(619) 962-7128

Objective

To gain hands on experience to further my research of alternative energy engineering in an industry setting.

Education

California Polytechnic State University - San Luis Obispo, California
Bachelor of Science in **Bio Resource and Agricultural Engineering**
Degree expected: June 2013 Class standing: Senior
Overall GPA: 2.75

Experience

Combined Power Cooperative- San Diego CA

June- September 2012

Engineering Intern

- Mechanical Engineering Design: concept proposal, CADD, detail design, and load calculations for renewable energy research project
- Present conceptual and final design for review and approvals
- Prototype build and product development
- Manufacturing quality control practices
- Operate CNC machinery

Melissa W. Cook & Associates (Law Firm)- San Diego CA

June-September 2010

July-September 2011

Office Assistant/Intern

- Organize and maintain document file system
- Convert files to electronic documents for legal use
- Manage record retention and communication to clients
- Delivery of court documents

Hyson Johnson Construction- San Luis Obispo CA

June-July 2011

Building maintenance

- Upkeep of rental properties
- Painting, tile, and minor repairs.

Skills

- Tech Savvy; familiar with Mac and PC
- **Multilingual:** English, Swiss German, and conversational Spanish
- 3 years experience in Graphic-Design from Coronado New Media Design Academy (CNMA)
 - Using Adobe Photoshop (graphic design software)
- 4 Years college athlete
 - Cal Poly Men's Lacrosse Team. 4 times Western Collegiate Lacrosse League Champions
- Selected for 2012 Men's Collegiate Lacrosse League All America Team.
- Coached youth lacrosse teams during summer 2009, and 2010.

References:

Melissa W. Cook

Melissa W. Cook & Associates

(619) 280-4302

Mr. Wu

Hyson-Johnson Construction

805 704 2857

John King

CEO, Combined Power Coop.

619 756 1390

Dominic Sween

1293 Fernwood Dr. - San Luis Obispo, CA 93401 - 760-793-4637 – dominicsween@gmail.com

Objective: To attain a career position for an engineering firm with an emphasis in irrigation design and water resources management

Education:

California Polytechnic State University, San Luis Obispo, CA

Major: BioResource and Agricultural Engineering Class Standing: Senior
Concentration: Irrigation Engineering Major GPA: 3.8
Expected Graduation: Fall 2013

Relevant Coursework

Irrigation Design, Irrigation Theory, Wells & Pumps, Hydraulics, Principles of Irrigation, Mechanical Systems, Concrete Design, Steel Design, Soil Science, SolidWorks, AutoCAD

Projects:

Friction Loss in Irrigation Drip Hose

Fall 2011

- Measured pressure loss for a variety of flow rates in Polyethylene hose
- Used field data to determine the friction coefficient and friction equation
- Employed Hazen-Williams and Darcy-Weisbach formulas extensively

Irrigation Designs: Row Crop Buried Drip, Microsprayer, & Hand Move Sprinkler

Spring 2012

- Carried out design accounting for Distribution Uniformity and peak ET
- Implemented economic pipe sizing to reduce overall cost of design
- Calculated nozzle/emitter flow rate for required to meet peak application rate
- Provided complete large scale AutoCAD drawing of each irrigation design

Work Experience:

Irrigation Engineering Internship - Patterson Westside Farm, Patterson, CA

Summer 2012

- Improved farm irrigation efficiency and field Distribution Uniformity
- Created highly detailed pump conveyance and field soil maps
- Created an Excel based irrigation scheduling program to tell when to irrigate
- Gave a Power Point presentation to irrigators about irrigation principles

Restaurant Server - Apple Farm, San Luis Obispo, CA

2011-Present

- Developed interpersonal skills in a fast-paced work environment
- Managed multi-tasking and time management skills
- Maintained a part-time job while being a full-time student

Involvement:

- Member of Agricultural Engineering Society
- Volunteer leader for church daycare for toddlers and preschoolers
- Member of United States Committee on Irrigation and Drainage
- Served as a youth leader at a Rotary Club International Leadership Association camp in 2007

References:

John Scholtz
Restaurant Manager
Apple Farm Restaurant
(805) 544-6100

Daniel Howes, Ph.D., P.E.
Assistant Professor
Cal Poly / ITRC
(805) 756-2347

Dan Roberts
Farm Manager
Patterson Westside Farm
(209) 605-7117

Jason Venable

Home Address: 41285 Gibbel Rd. Hemet, Ca 92544
School Address: 301 Leroy Ct. San Luis Obispo, Ca. 93401
(951) 961-4789 • jvenable@calpoly.edu

Objective

To obtain a position in the water engineering and management industry

Education

California Polytechnic State University, San Luis Obispo, Ca.

- Bachelor of Science, Expected Graduation Date: June 2013
- BioResource and Agricultural Engineering
- Concentration: Water Management
- Major GPA: 3.00

Relevant Work Experience

Aviation Fuel Technician-Hemet Ryan Aviation, Hemet, Ca. (Summers 2006-2007)

- Maintained and operated AV fuel/Jet A1 refueling equipment
- Verified and maintained quality control of aviation fuels in accordance with FAA rules and regulations
- Assisted with aircraft maintenance and inspections in accordance with FAA repair station licensing standards

Firefighting Aircraft Retardant Loader-Hunot Retardant Company, Ryan Air Attack Base, Hemet, Ca. (Summers 2007-2008)

- Loaded Cal Fire, US Forest Service, and Bureau of Land Management Aircraft with retardant to suppress wildfires
- Performed scheduled viscosity tests and maintenance on retardant tanks, pumps, valves, and plumbing

Engineering Aide/Meter Technician-Lake Hemet Municipal Water District, Hemet, Ca. (June 2012-September 2012)

- Assisted with day to day engineering aide tasks
- Participated in sustainable modernization of existing water meters
- Assisted with other tasks and projects for the District while furthering my experience in the water delivery industry

Outside Services and Maintenance-Dairy Creek Golf Course, San Luis Obispo, Ca. (Summer 2009-Present)

- Oversee and maintain a fleet of 70 golf carts
- Assist with customer service in the pro shop
- Responsible for grounds presentation and cleanliness

Relevant Course Work/Achievements and Skills

- Equipment Engineering, Reinforced Concrete Design, Irrigation Engineering, Irrigation Theory, Hydraulics, Principles of Irrigation, Intro to Soil Science, Engineering Economics and Ethics, Engineering Measurements and Computer Interfacing, Principles of BioResource Engineering, Agricultural Structures Planning, Intro To Mechanical Systems In Agriculture, Fundamentals of Electricity, Engineering Surveying, AutoCAD, Engineering Design Graphics, Calculus 1-4, Linear Analysis, Physics 1-3, Chemistry for Engineers 1 and 2, Engineering Statics, Statistical Methods of Engineering, Technical Writing for Engineers, Computer Science and Programming
- Performed complete drip/micro-sprayer irrigation and hand-move sprinkler irrigation designs for Irrigation Engineering at California Polytechnic University, San Luis Obispo during spring quarter of 2012
- Experienced with Microsoft Excel and fluent in all of Microsoft Office
- Very effective communicator with an in-depth understanding of the importance of customer service
- Ability to explain engineering concepts and methods in a clear and concise manner
- Self motivated worker that enjoys challenges and understands big picture issues encompassing entire systems
- Obtained a Private Pilot Certificate in September of 2009 and currently have logged 200 hours in single engine aircraft

References

- Kent Lauble; Head Pro and supervisor at Dairy Creek Golf Course, San Luis Obispo, Ca.
(805) 544-3214
- Dr. Stuart Styles; BioResource and Agricultural Engineering Professor, Cal Poly; Director, Irrigation Training and Research Center
(805) 756-2429
- Randy Record; Local farmer and businessman; Eastern Municipal Water District Board of Directors; Metropolitan Water District Board of Directors
(951) 741-8456

KERILYN AMBROSINI

707-496-7027

KAMBROSI@CALPOLY.EDU

P.O. BOX 1024 FERNDALE, CA • 1116 PEACH ST. SAN LUIS OBISPO, CA

Objective

To obtain an internship in the agriculture engineering field.

Education

California Polytechnic State University San Luis Obispo *Class Level: Junior*
BioResource and Agricultural Engineering Cumulative GPA-3.7 Major GPA-3.98

Relevant Coursework

Principles of Irrigation	Fundamentals of Electricity	Soil Science
Honors Calculus Series, II, III, IV	Engineering Design Graphics	Programming (MATLAB)
Physics Series: I, II, III	AutoCAD for Ag Engineering	Chemistry for Engineers
Technical Writing for Engineers	Engineering Statics and Dynamics	Mechanical Systems in Agriculture
	<i>In Progress</i>	
Hydraulics	Electronics	Strengths of Materials I & II

Skills

- Microsoft Office-Microsoft Excel and Word
- DU Evaluation of surface, handmove and drip irrigated fields
- Memorandum writing
- Know the fundamentals of irrigation pumps
- Row crop drip tape dissection and analysis
- Basis of water rights
- Water flow measurement and basic hydraulics
- Manage various models of Telog recorders

Experience

Drip DU Evaluation, Cal Poly Avocado Field San Luis Obispo, CA September 2011

- Obtain Google and GIS maps, information on water supply and filtration systems
- Create pressure map based on field configuration
- Conduct tests for pressure and flow to evaluate the distribution uniformity for the field
- Process collected data and prepare a set of improvements for the farm manager

Engineering Technician

Irrigation Training and Research Center San Luis Obispo, CA July 2011-present

- Compose proposals and reports for various projects
- Diagnose problems with inline drip tape systems
- Compile and analyze data for the Effects of Sprinkler, Partial Sprinkler/Drip, and Drip Only on Strawberry Transplants project
- Monitor and repair Telog LPR-31i Line Pressure Recorder and WLS-31 Level Tracker
- Conveyed results of all projects through memorandums

Leadership Conference Facilitator

California FFA Association Galt, CA August 2010-November 2010

- Attend week-long communication, leadership and presentation training
- Utilize obtained skills to create enriching sessions for seven-hour leadership conferences
- Conduct sessions for approximately 200 freshman high school students around California
- Motivate students to discover their own strengths in order to work as a team and serve others
- Influence students to developing goals to better themselves, their teams and their communities

Professional Development

President's List, 2010-2012 Dean's List, 6 quarters

District I Dairy Princess-representative of the dairy industry throughout California through the California Milk Advisory Board

Vice President of Cal Poly's Agricultural Engineering Society

North Coast FFA Regional Vice-President-organized conferences and meetings

Arturo Barajas
4021 Cornfield Ct.
Modesto, CA 95356
abarajas10@hotmail.com
(209) 765-0736

Objective To obtain an internship in an irrigation related field.

Education

California Polytechnic State University - San Luis Obispo, California
Bachelor of Science in **Agricultural System Management**

Minor: Water Science

Degree expected: June 2014

Class standing: Junior

Major GPA: 3.3

Modesto Junior College – Modesto, CA

Agronomy Class

January - May 2008-2010

GPA: 4.0

Work Experience

Cal Poly Crops Unit

May & September 2012 – Present

- Irrigation Manager
- Use live weather data to make irrigation decisions.

Hilmar Cheese Company

June – September 2012

- Facilities Intern
- Used AutoCAD to map pipelines and update facility drawings

Skills

- Fluent in Spanish
- AutoCAD
- SolidWorks
- VBA Programming in Excel

Leadership & Involvement

- 2012 Agricultural Engineering Society President
- 2012 Cal Poly Tractor Pull Advertisement Committee Chair
- 2012 Cal Poly Tractor Pull Team
- 2011 Cal Poly Agricultural Council
- 2009-2010 Chapter FFA President

Honors

- 2011 Eric C. Twist Memorial Scholarship
- 2009 State FFA Degree
- 2009 California State FFA Champion Agronomy Team

References

- Johnny Rosecrans – Cal Poly Crops Unit (805) 235 – 8930 jrosecra@calpoly.edu
- Dr. Stuart Styles – Cal Poly ITRC (805) 756 – 2429 sstyles@calpoly.edu
- Dr. Mark Zohns – Cal Poly BRAE Professor (805) 756 – 2370 mzohns@calpoly.edu

DAKARI BARKSDALE

(707) 853-6697

dabduce@aol.com

Permanent Address:

1265 Wildwing Lane
Vallejo, CA 94591

Current Address:

232 Ramona Drive
San Luis Obispo, CA 93405

Objective: Obtain a summer internship in which I can gain experience with water.

Education:

California Polytechnic State University, San Luis Obispo, CA

- Bachelor of Science in BioResource and Agricultural Engineering
- Degree expected: June 2014 Class standing: Junior
- Major GPA 3.4

Experience:

Turner Group Construction (June 2012-Current)

- Filed Requests for Information (RFIs) and Submittals
- Called vendors and ordered materials
- Calculated amount of material needed
- Created shop drawings in AutoCad

Irrigation Training & Research Center (September 2012-Current)

- Compile graphs and tables of data to improve water efficiency
- Compare Irrigation management websites such as CIMIS and ClimateMinder

Skills

- AutoCad
- Excel
- PowerPoint
- Word

Classes

- Technical Writing for Engineers
- Principles for Irrigation
- Hydraulics

References:

Lance Turner

Owner

Turner Group Construction

(707) 647-0450

Darrel Harris

Project Manager

Turner Group Construction

(707) 310-3865

Garret Blocher

Objective: Obtain an internship or co-op in the field of Irrigation

Experience:

- Worked with irrigation monitoring equipment over the summer of 2011. I would install the station, service it when needed, talked with growers to help them understand the software, took soil samples, and created numerous spreadsheets regarding grower crop information.
- Advanced knowledge of Cad systems, especially AutoCAD. I have worked with AutoCAD, among other drafting software, to draw plans and layouts for various applications. AutoCAD has been my specialty for the last seven years in designs ranging from mechanical parts to irrigation layouts.
- Knowledgeable in current water technologies and industry practices. Working with PureSense Environmental on top of researching several topics in the field of irrigation has kept me up to date on many aspects in the industry.

Skillset:

AutoCAD	Surveying	Woodworking Machinery
SolidWorks	Memos and Letters	Metalworking Machinery

Education: **California Polytechnic State University**, San Luis Obispo, CA
Major: BioResource and Agricultural Engineering
Graduation: 2014
Major GPA: 3.4

References:

- **Kevin Mcdougal**
Puresense Environmental
kmcdougal@puresense.com
- **Stewart Styles**
Academic Advisor
sstyles@calpoly.edu
- **Jody Burum**
Academic Advisor
(559)310-0264

Linda Bushey

Permanent: 1598 McKinley Road Napa, CA 94558
Local: 1178 Atascadero Street San Luis Obispo, CA 93405

707-246-6260

linda.bushey@gmail.com

Career Objective: To obtain a summer internship in the agricultural engineering industry

Education:

- Associate's Degree from Cuesta College in San Luis Obispo, CA June 2010
- Bachelor's Degree in BioResource and Agricultural Engineering from California Polytechnic State University in San Luis Obispo, CA Expected June 2014
Major GPA 3.4

Experience:

Irrigation Training and Research Center Engineering Technician San Luis Obispo, CA
June – September 2012

- Distribution Uniformity field evaluations and reports

PPI Engineering Administrative Assistant Napa, CA

June – September 2011

- Administration
 - Accounts payable, accounts receivable, filing, multi-line phone system, re-create Excel spreadsheets
- Field Technician Assistant
 - Staking, GPS, AutoCAD, proposals, field review, quality control

Pro-Tech Painting Marketing Assistant San Diego, CA

January 2008 - July 2009

- Event Coordinator
 - Actively involved with many industry associations, signed up for, planned, and worked trade shows, golf tournaments, and networking events, planned and executed customer appreciation events
- Office Management
 - Managed schedules for estimators, wrote bid requests and contracts, tracked open bids, created spreadsheets, confirmed appointments with all parties
- Customer Relations
 - Maintained positive relationships with clients, dealt with customer concerns and complaints, lunch meetings, promotional item drops, phone conversations, created and sent monthly e-newsletters, made cold calls, follow-up calls

Skills:

- Business Machines
 - Copier, Scanner, Fax, Binding, Laminating, Typewriter, Plotter
- Computer Software
 - Swiftpage, Lightspeed, QuickBooks, Microsoft Access, ACT, Microsoft Office, basic computer troubleshooting, basic AutoCAD

Honors and Activities:

- California Scholarship Federation Lifetime Member
- Dean's List at California Polytechnic State University
- Agricultural Engineering Society Student Member
- Sigma Alpha Professional Sorority Member
 - Fundraising Committee Chair (2 Years)

References:

Rachel LeRoy
Project Manager
PPI Engineering
(707) 253-1806
Rleroy@ppiengineering.com

Chris Cena
Business Development
Pro-Tech Painting
(858) 527-0200
Chris@pro-techpainting.com

Dr. Stuart Styles
ITRC
Cal Poly, San Luis Obispo
(805) 756-2434
Sstyles@calpoly.edu

Edward Caminata

PO Box 1468, Linden, CA 95236

(209) 639 6174

ecaminat@calpoly.edu

OBJECTIVE

To attain a summer position in the field of irrigation and water management

EDUCATION

California Polytechnic State University, San Luis Obispo

Bachelor of Science, BIORESOURCE AND AGRICULTURAL ENGINEERING

Cumulative GPA 3.4 Fall 2011-Current

San Joaquin Delta Community College

Cumulative GPA 3.57 Fall 2009-Spring 2011

Courses taken/in-progress

Calculus I-IV	Physics	Chemistry	Statics
Dynamics	Soil Science	AutoCAD	SolidWorks
Thermodynamics	Principles of Irrigation	Hydraulics	Mechanics of Materials

PROJECTS

Soil Textures Affect on Water Infiltration Rates, Intro to BRAE Cal Poly Fall 2011

- Worked in a group to develop team skills
- Measured the infiltration rate of soils of various textures and structures
- Interpreted data using knowledge of soil texture and structure
- Wrote a report about our findings
- Created a power point presentation presented to class

TECHNICAL EXPERIENCE

AutoCAD SolidWorks MS Word MS Excel
MS Powerpoint

WORK EXPERIENCE

Irrigation Training and Research Center, San Luis Obispo, CA June 2012-Present

- Install magnetic and propeller meters
- Install PVC pipe
- Operate band saw, drill press, torch, welder

Jim F. Caminata Jr., Linden, CA

Fall 2006-Fall 2011

- Operated and serviced walnut harvesting equipment
- Managed walnut harvesting field crew

ACTIVITIES

Agricultural Engineering Society Reporter American Society of Agricultural and
Tractor Pull Club Biological Engineers

REFERENCES

References available upon request

Ted Couch

ted.couch@gmail.com

Current Address:

1262 Murray Street Apt. 8
San Luis Obispo, CA 93405
(650) 644-5948

Permanent Address:

63 Victoria Drive
Atherton, CA, 94025
(650) 233-8828

OBJECTIVE To obtain a summer internship with a professional engineering or construction firm.

EDUCATION

California Polytechnic State University, San Luis Obispo, CA

Master of Science in Engineering with a Specialization in Water Engineering, Expected June 2014

Pomona College, Claremont, CA

Bachelor of Arts in American Studies (minor Spanish), May 2007

GPA: 3.6

EXPERIENCE

Engineering Design Trainee, San Francisco Public Utilities Commission, Wastewater Enterprise, San Francisco, CA
January 2011-August 2012

- Researched optimization of system via improved solids handling, thermal hydrolysis, nutrient removal, waste to energy
- Assisted in modeling and GIS mapping of wastewater flow and failure analysis
- Performed laboratory testing of wastewater, and construction and repair of pumps, piping, and electrical systems

Irrigation Manager, Woodleaf Farm, Oroville, CA

June 2010-September 2010

- Managed and maintained the irrigation at this small, diverse farm, including orchards, row crops and greenhouses
- Monitored average flows, as well as soil moisture and mineral content
- Installed new automated systems and employed new fertigation techniques

Property Manager, Wadi-Rum Farm and Sunset Camp, Wadi-Rum, Jordan

March 2009 – June 2009

- Managed all properties at this eco-tourism operation, including a farm, desert camp and residence
- Constructed new sources of water supply and plumbing, including well construction and repair, irrigation piping
- Resurrected the farm operation through reconstruction of drip irrigation, construction of fencing and fertilizing system

Deputy Project Director, ThinkImpact, Mombasa, Kenya

October 2008 - February 2009

- Oversaw the fundraising, design, and construction of dams, latrines and rainwater catchments for over 55,000 individuals
Conducted research on community water needs, and created infrastructural development plan based upon findings
- Assisted with implementation of health and sanitation education programs

Land Intern, Peninsula Open Space Trust, Menlo Park, CA

June 2005-August 2005

- Monitored and researched over 55,000 acres of protected open space in the San Francisco Bay Area
- Worked with engineering, environmental and government consultants to create management plans for properties
- Planned events, including the Under the Harvest Moon event, which raised \$784,000 for the purchase of 20,000 additional acres

LANGUAGE SKILLS: Proficient in Spanish, Intermediate Mandarin Chinese, Basic Swahili, Basic French

HONORS & ACTIVITIES

- CA Dept. of Public Health Water Distribution Operator Level II
- 2007 American Studies Prize winner as the top graduating senior in the department
- Pomona-Pitzer varsity soccer

REFERENCES

-Manisha Berde, San Francisco Public Utilities Commission, mberde@sfgwater.org

-Lily Muldoon, ThinkImpact. Lily.muldoon@gmail.com. 303-887-3304

-Carl Rosato, Woodleaf Farm, woodleaffarm@sbcglobal.net. 530-589-1696

Gannon Depetris

258 Warren Way • San Luis Obispo, CA 93405 • 510.735.4616 • gdepetri@calpoly.edu

Objective

An internship for a summer position within the engineering industry

Education

California Polytechnic State University, San Luis Obispo
Bachelor of Science in BioResource and Agricultural Engineering
Degree expected: June 2014

Major GPA: 3.57

Coursework

Calculus, Physics, Math, Statics, Dynamics (in progress), AutoCAD, Hydraulics (in progress),
Principals of Irrigation (in progress), Drafting, Engineering Surveying, Technical Writing,
and Agricultural Structures Planning

Experience

Disability Resource Center, Cal Poly

September 2012 – Present

Tram Driver

- Maintain efficiency and competence when dealing with riders and their schedules
- Work professionally in a shared office space with a staff of full time personnel
- Perform weekly checks of the campus vehicles and service them when problems arise

Associated Students Inc., Cal Poly Recreation Center

January 2012 – July 2012

Facility Supervisor

- First responder in crisis situations with both CPR and First Aid certification
- Ensure that both participants and employees are in full compliance with building policies
- Handle problems that either arise within the participants or the building directly

Poly Reps Program, Cal Poly

March 2011 - Present

Student Ambassador

- Represent the University in a professional and welcoming manner
- Conduct tours for prospective students and serve as a knowledgeable resource
- Selected to attend Presidential events and interact with high-profile campus visitors
- Develop strong interpersonal, problem solving and public speaking skills

Skills

- AutoCAD
- SolidWorks
- Microsoft Office (Word, Excel, Powerpoint)
- iWork (Pages, Keynote, Numbers)

Rob Hillebrecht

Phone and Email:
rhillebr@calpoly.edu
(760) 484-6866

Local Address:
1700 Osos St.
San Luis Obispo, CA 93401

Permanent Address:
2059 Skyline Dr.
Escondido, CA 92027

Objective

To receive an agricultural engineering student internship in irrigation or water use practices.

Work Experience

Brecht Hill Farm, Escondido CA

2007 - 2012

- Repaired broken irrigation
- Mowed, disked and sprayed weeds
- Harvested avocados and oranges
- Cut down trees

Heritage Ranch Management, Escondido CA

Summer 2012

- Organized fertilization schedules
- Tracked & analyzed sales for various ranches
- Oversaw the purchase of equipment
- Conducted foliar fertilizing and pesticide sprays

Education

California Polytechnic State University

Graduation Date: 2014

- Cumulative GPA: 3.63 ; Major GPA: 3.63
- 3rd year BioResources and Agricultural Engineering student
- Relevant Classes Taken: Irrigation, Electricity, Surveying, Soils, Mechanics, Statics, Dynamics

Projects

Vise Mount Project:

- Designed, machined, and constructed a steel X-Y mount for a Wilton drill press
- Delegated responsibilities and communicated within a team
- Recorded and presented the results of project before professors and peers

I-Fixit Project:

- Disassembled and reassembled a PDA while keeping a record of each step
- Created a web page offering directions and pictures for several repairs to the PDA
- Collaborated in a team for several weeks to create a viable directions webpage and report

Skills

- Organize & run meetings
- AutoCad
- Matlab
- Basic Spanish
- SolidWorks
- Microsoft Office
- Basic wood & metal work

Professional Affiliations

Agricultural Engineering Society

- Monthly meetings discuss BRAE issues and activities

Campus Crusade for Christ

- Christian organization with intent that every student might hear the gospel

Alpha Gamma Omega Fraternity

- Christian fraternity dedicated to spiritual growth

References

Burnet Wohlford

Heritage Ranch Management
(760) 455-3286
Bwohlford@hrm.com

Keith Crowe

Cal Poly Professor
(805) 756-2384
Kcrowe@calpoly.edu

Brent Cooper

Church Leader
(619) 921-2849
bcooper@supiorrm.com

Jeffrey H. Huntley

Permanent: 1972 Bahia Way **Local:** 385 Hathway Avenue
La Jolla, CA 92037 San Luis Obispo, CA 93405
(858) 373-7043

Objective: To obtain an internship position in the agriculture industry associated with engineering and specializing in water conservation.

Education: California Polytechnic State University, San Luis Obispo
Major: BioResource and Agricultural Engineering
Emphasis: Water management
Major GPA: 2.8 Expected Graduation: June 2014
Relevant Course Work:
AutoCAD for Engineers, Engineering Surveying, Engineering Drafting

Work Experience:

October 2009-May 2010: **Tutor**

- Had to tutor students in many different subjects including mathematics and different languages

September 2010-November 2010: **Ag. Water Pump Management**

- Ran the main pumps at the Irrigation Research and Training facility as a project
- Collected data off different pressures in pipe at certain points
- Found at which setting the pump had its greatest efficiency for the amount of water running through the pipes

June 2012-August 2012: **San Diego Fire Rescue-Lifeguards**

- Responsible for managing the safety of the beach goers
- Responsible for time management, and legal record keeping

Skills/Certifications:

- Speak fluent French and can read/write it
- Conversable in Spanish and can read/write it
- Played Water Polo and La Crosse for La Jolla High School for seven years
- Title 22, CPR, AED, First Aid, and Emergency Medical Responder certified
- Graduated from the San Diego Regional Lifeguard Academy

References:

Tom Atwell	Connor Robbins	Patrick Hallahan
Teacher	Fire/Rescue Lifeguard	Fire/Rescue Lifeguard
La Jolla High School	City of San Diego	City of Sand Diego
(858) 361-1696	(858) 822-9506	(858) 357-5790

Objective

I am looking to pursue a career in Agricultural Engineering, with a focus likely on mechanized systems or irrigation.

Education

- California Polytechnic State University, San Luis Obispo, CA
September 2010- June 2014 (Projected)
Major: BioResource and Agricultural Engineering
Minor: Spanish Language
Major GPA 3.3, Current Senior Standing.

Experience

- Mid Columbia Producers; The Dalles, OR; June 2012- September 2012; Grain Elevator Operator
 - Manual and Technical Labor, 70-90 hours a week, summer through Oregon wheat harvest
 - Managing a grain elevator offloading barley and wheat, Provide customer service to incoming farmers
 - Working alone in an elevator, solving issues and fixing equipment, cleaning and shoveling grain
- Sagebrush Cycles; Bend, OR; May 2007 - August 2011; Mechanic and Sales
 - Fabrication and Repairs of bicycles, 30 hours per week, summers and holidays
 - Provide Customer Service and sales support to the public
- AJ Construction And Remodeling; Bend, OR; June 2008- Present
 - Miscellaneous residential construction work, 10-15 hours per week, summers and holidays
 - Dependable worker, arrive on time and stay until all work is done
- Deschutes County 4H, Bend, OR; September 2001- August 2010
 - 4H member in small animals for nine years, 35 person club
 - Club president, vice president, secretary and club photographer at different times
 - Deschutes Count 4H grievance committee for three years
 - Involved in 4H at the regional level as well
- Presenter at the 2012 American Evaluators Association Conference on Youth Led Research
- Published an Article on Youth Led Research in the National Journal of Extension

Skills

- Spanish Language
- Mechanically adept
 - Engines and automotive; do my own maintenance and repairs on my truck
 - Basic machining and welding experience
- Solid works, AutoCAD, Microsoft Office

Involvement

- Cal Poly Tractor Pull Team, Cal Poly Agricultural Engineering Society
- Professional Mountain Bike Racer, Sponsored by Sagebrush Cycles/ Rocky Mountain
- Currently a top men's A racer for Cal Poly's division 1 team

References:

Jeff Holliday, Mid Columbia Producers, 541-993-4254;
James Gritters, Sagebrush Cycles, 541-389-4224

Shelsie Kloepper

Local: 495 E. Foothill Blvd., San Luis Obispo, CA 93405
Permanent: 18982 Cherry Creek Rd. Grass Valley, Ca 95949
Phone: (530) 798-3818 Email: skloeppe@calpoly.edu

Career Objective:

To obtain an internship position in the agricultural industry related to engineering

Education:

California Polytechnic State University - San Luis Obispo, CA

Major: **BioResource and Agricultural Engineering**

Major GPA: 3.1

Expected Graduation: June 2014

Relevant Course Work:

Careers in Agricultural Engineering, Laboratory Skills and Safety, Engineering Surveying, Engineering Design Graphics, CAD for Ag sEngineering, Fundamentals of Electricity, Principles of Irrigation, Agriculture Structures Planning, Introduction to Mechanics Systems in Agriculture, Hydraulics

Work Experience:

Coastal Equine, San Luis Obispo, CA **June 2012-Present**

Ranch Assistant

- ⤴ Assist in turning out and bringing in horses
- ⤴ Assist in blanketing horses
- ⤴ Assist as daily chores and maintenance of the Ranch

Futurity Farm, Auburn, CA **June 2011-September 2011**

Ranch Manager Assistant

- ⤴ Assisted in exercising and training horses for competition
- ⤴ Assisted in daily maintenance of more than 50 client horses
- ⤴ Assisted as a groom at Rancho Murieta Horse Show

Starkman Ranch, San Luis Obispo, CA **October 2010-June 2011**

Ranch Manager Assistant

- ⤴ Assisted in management of a 10-horse private barn
- ⤴ Assisted in exercising and training horses for competition
- ⤴ Attended daily care of each horse

Projects

Techmark Impact Recording Device Installation **Fall 2010**

- ⤴ Tested three devices on the Cal Poly Crop Science Packing line
- ⤴ Verified the functionality and accuracy of the devices
- ⤴ Created Quick Start Guide to explain the software to the department

Leadership/Involvement

Cal Poly Agricultural Engineering Society Club Representative
Cal Poly Equestrian Team Secretary and Competitor

References:

Dr. Mark Zohns
D.E., PE,
Cal Poly Professor
(805) 756-2370
mzohns@calpoly.edu

Julie Adams
Horse Trainer
Futurity Ranch
(530) 277-1637

Katie Kopensky
Ranch Manager
Coastal Equine
(858) 705-4203
katiekopensky@gmail.com

Jeremy Mahrt
(707) 975-1278
jrmahrt@calpoly.edu

Local Address
24 Verde Drive
San Luis Obispo, CA 93405

Permanent Address
314 McBrown Road
Petaluma, CA 94952

OBJECTIVE

To obtain a part time job in an agricultural related field.

EDUCATION

Sept. 2010- Present

California Polytechnic State University – San Luis Obispo, California
Bachelor of Science in **BioResource and Agricultural Engineering**
Degree expected: June 2014 GPA: 3.12

Relevant Course Work

Ag Structures Planning, Principles of Irrigation, Introduction to Mechanical Systems, AutoCAD, Solid Works, Drafting, Fundamentals of Electricity, Soil Science, Statics, Dynamics, Physics Series, Calculus Series, Economics

EXPERIENCE

Petaluma Farms- Petaluma, CA

2004- Present

Ranch Handyman

- Maintained grounds
- Helped fix trucks and tractors
- Built coolers and chicken houses
- Welding
- Built a water storage system
- Assembled 400 case per hour egg machine

LEADERSHIP & INVOLVEMENT

- Petaluma High FFA member (4 years)
- Ag Mechanics team (4 years) – Finished second in State Finals
- Sonoma County League Champions- 2009
- Petaluma High Football (4 years)
- Petaluma High Basketball (3 years)
- Petaluma High Swimming (4 years)
- State finalist in the Ford AAA Motor Contest

HONORS

- Awarded the Mark Kroft Memorial Award- for sportsmanship, character, citizenship
- Most Improved Player, Petaluma High School Football team
- First Team All League Lineman, Petaluma High School
- California Scholarship Federation Lifetime Honors Member

REFERENCES

Dr. Shaun Kelly
Instructor
California Polytechnic State
University
(805) 756-2725

Cliff Russel
Ranch Manager
Petaluma Farms
(707) 328-6458
staff@petalumafarms.com

Randy Duranceau
Sales Manager
Petaluma Farms
(707) 775-5935
staff@petalumafarms.com

CHRISTIAN MARRON

cmarron@calpoly.edu
3608 Tulare Court
Oceanside, CA 93410
(760) 207 9762

Career Objective: To obtain an internship focusing in the field of renewable or sustainable energy.

Education: California Polytechnic State University, San Luis Obispo
Major: BioResource and Agricultural Engineering
Expected Graduation Date: June 2014
Cumulative GPA: 2.452

Relevant Course Work:

Mechanical Agricultural Systems, Fundamentals of Electricity, Principles of Irrigation, Irrigation Theory, Engineering Surveying, Principles in BioResource and Agricultural Engineering, Engineering Design Graphics, AutoCAD, Drafting, Soil Science, Calculus I-IV, Linear Analysis, Physics I-III, Statics, Technical Writing, Computer Applications for Engineering

Related Experience:

Oct. 2011: **Solarthon** – Grid Alternatives, San Luis Obispo, CA

- Volunteered in a nonprofit event for low-income families
- First-hand experience installing and configuring a PV inverter
- One-on-one training with accredited professionals
- Gained understanding and experience in solar panel installation and design

July 2011: **Irrigation Grove Assistant**, San Diego, CA

- Installed an online drip emitter system over five acres
- Managed and monitored irrigation cycles for a five acre olive orchard

Sept. 2009: **Bio Algae Club**, Cal Poly San Luis Obispo, CA

- Algae biomass conversion to Ethanol
- Cultivated multiple strains of algae using bioreactors
- Measured transmittance, growth rate, and biomass
- Distilled algal biomass to Ethanol through monitored fermentation

Activities:

- Agricultural Engineering Society Member
- 2010 and 2011 Week of Welcome Student Orientation Leader
 - Developed leadership and group dynamic skills
 - 80+ hours of volunteer training and community service
 - Integrated 30 incoming undergraduate students into the University and surrounding community

Skills:

- AutoCAD, MatLab, Microsoft Excel, Laboratory Skills and Safety

References:

Richard Berg
Civil Engineer
Berg Engineering
760-599-9031

Dr. Richard Cavaletto
BRAE Department Head
Cal Poly State University
805-674-3969

Dr. Andrew Holtz
BRAE Professor / Advisor
Cal Poly State University
805-756-2385

Derek Myers

Permanent Address: 1550 Burgundy Rd•Encinitas, CA 92024
Temporary Address: 1234 Stafford St•San Luis Obispo, CA 93405
Phone: 760.579.2595• **E-Mail:** demyers@calpoly.edu

Objective

An internship position in the engineering/technical operations field that can assist the company in productivity while simultaneously furthering my understanding of the industry

Education

California Polytechnic State University

Bachelor of Science: Bio-Resource and Agricultural Engineering
Concentration: Mechanical Engineering/ Biofuels

Class Standing: Junior **Major GPA:** 3.1 **Expected Graduation Dates:** June 2015

Work Experience

Dawn Patrol Surf School

2008-2012

Surf Instructor/ Assistant Manager

- Lead private lessons and group camps
- CPR and Basic First Aid certified
- Set up and organized surf camp fluidity
- Money handling experience

Relevant Coursework

Calculus I-IV

Physics I-III

Fundamentals of Electricity

Hydraulics

Principles of Irrigation

Cad for Agricultural Engineering

3-D Solids Modeling

Statics

Dynamics

Thermodynamic

References

Brent Stephens

Owner, Concept Surf Shop/ Dawn Patrol Surf School

Encinitas, California

(760) 505 – 2786

brent@iconstandard.com

Ben Doran

Owner, Dawn Patrol Surf School

San Clemente, California

(760) 822 - 0269

Skills And Abilities

- Conversational Spanish
- Money Handling
- Customer Service
- Lexis Nexis Research Experience
- Communication Skills
- Flexible
- Attention To Detail
- VBA Programming Experience
- Solid works Experience
- Interpersonal Skills
- Hardworking
- Reliable

HILARY OLSEN

PERMINANT: 24697 SCOOTER BUG LANE, AUBURN, CA 95602

CURRENT: 555 RAMONA DRIVE, APARTMENT 39, SAN LUIS OBISPO, CA 93405

PHONE: 530-613-6627

EMAIL: hilaryolsen@gmail.com

OBJECTIVE

TO OBTAIN AN INTERNSHIP POSITION PERTAINING TO AGRICULTURAL ENGINEERING

EDUCATION

California Polytechnic State University, San Luis Obispo

Major: BioResource and Agricultural Engineering

Concentration: Water Management and Irrigation Design

Expected Graduation Date: June 2014

Major GPA: 3.4

RELATED COURSEWORK

Introduction to Soil Science, Fundamentals of Irrigation, Careers in Bio Resource and Agricultural Engineering, Calculus, Physics, Technical Writing for Engineers, Auto CAD, Engineering Design Graphics, Solid Works, Mechanical Hydraulics, Agricultural Structures Planning, Statics, Strength and Materials, Irrigation Hydraulics, Shop Safety

WORK EXPERIENCE

- **Engineering Technician for Irrigation Training and Research Center (Fall 2011-Present)**
Collect precipitation and temperature data for the Cal Poly NOAA weather station daily, collect monthly precipitation data from the two other rain gauge sites, correspondent with other rain gauge managers to collect data for Cal Poly NOAA weather station rainfall analysis
- **Intern for Geo-Logic Associates (Summer 2012)**
Worked with AutoCAD Civil 3D to create drawing layouts and details of landfill projects in California, Guam, and Mexico. Worked with professional engineers to create a Storm Water Pollution Prevention Plan for a landfill in Clovis, CA.
- **Intern for Placer County Water Agency (Summer 2011)**
Answered phones, copied letters, prepared letters, filed, set up meetings, created spread sheets, collect data from municipal water meters, measured flumes, took flume elevation readings, and input data from Urban Water Management Plan into the DOST

INVOLVEMENT & LEADERSHIP

- President of ASABE, Cal Poly branch (2012-2013)
- Agricultural Engineering Society Apparel Chair (2012-2013)
- Vice President of Agricultural Engineering Society (2011-2012)
- Tractor Pull Club member (2011-2013)
- Junior High Youth Group Coordinator for the SLO United Methodist Church (2011-present)

REFERENCES

Dr. Stuart Styles D.E., P.E.
Director
Irrigation Training & Research Center
805.756.2429
ssstyles@calpoly.edu

Dr. Mark Zohns D.E., P.E.
BRAE Professor
California Polytechnic State University
805.756.2370
mzohns@calpoly.edu

Jake Russell P.E.
Engineering Manager
Geo-Logic Associates
530.272.2448
jrussell@geo-logic.com

Alexander Paris

Objective	An internship in a field related to BioResource and Agricultural Engineering	
Education	California Polytechnic State University, San Luis Obispo, CA Bachelor of Science, BioResource and Agricultural Engineering Class Level: Junior Expected Graduation June 2015 Cumulative GPA: 3.52	
	Palomar College, San Marcos, CA GPA: 3.75	January 2009-May 2011
Experience	Woodside Electronics Corporation, San Joaquin Valley, CA Field Service Technician	June 2012-September 2012
	<ul style="list-style-type: none">• Field maintenance and troubleshooting for automated sorting systems.• Management of self defined and on call work schedule.• Coordination between growers, harvest operations and canneries.	
	Modern Builders Supply Inc., San Marcos, CA Mechanic	May 2006-September 2011
	<ul style="list-style-type: none">• Determination of maintenance schedules and intervals for equipment.• Design and fabrication of components and safety devices for equipment.• Repair and overhaul of LPG, gasoline and light diesel engines.• Repair of hydraulic cylinders, pumps and hydraulic helical rotary actuators.• Electrical system diagnosis and repair.	
	Servin Engineering Inc., Carlsbad, CA Drafting Intern	January 2008-May 2008
	<ul style="list-style-type: none">• Excel• AutoCAD	
Skills	SolidWorks, AutoCAD, Excel Machining with lathe and milling machine Diagnostics, repair and overhaul of internal combustion engines, electrical systems and hydraulic systems	
Activities	Member of American Society of Agricultural and Biological Engineers Member of Cal Poly Agricultural Engineering Society Quarter Scale Tractor Design Team	September 2011- Present
	Motorcycle Racing, AMA District 38	June 2009- December 2011
References	Tom Ginsburg Regional Supervisor, Woodside Electronics Co. Work: (530) 351-8595 Email: Thomas@wecotek.com	
	Ray Raub Owner, Modern Builders Supply Inc. Work: (760) 591-4570	
	Dr. Stuart W. Styles Director, ITRC Work: (805) 756-2429 Email: sstyles@calpoly.edu	

Joshua M. Richards

Local: 134 Fontana Avenue
San Luis Obispo CA, 93401
Permanent: 1145 Harte Street
Montara CA, 94037
(650) 766-6070
jricha07@calpoly.edu

Career Objective:

To gain internship in the agricultural industry that focuses on engineering

Education:

Fourth year at California Polytechnic State University, San Luis Obispo, CA
Major: BioResource and Agriculture Engineering
Emphasis: Mechanical Systems
GPA: 2.29 Expected Graduation: June 2014

Course Work:

Engineering Surveying, Drafting, AutoCAD, Programming for Engineering Students (MATLAB), Technical Writing for Engineers, Soil Science, Physics, Statics, Dynamics, Chemistry, Mechanical Systems in Agriculture, Principles of Irrigation, Hydraulics and Calculus

Work Experience:

8/09 to Present (summers) **Oceano Hotel and Spa, Half Moon Bay, CA**

- Wedding Caterer
- Provided the needs for 50 to 300 guests

6/11 to 9/11 **Village Pizza, Half Moon Bay, CA**

- Worked at the register and performed other duties

Activities:

Cal Poly Roller Hockey Team

References:

Jen Pickart
Event Coordinator
Oceano Hotel and Spa
(650) 412-6763

Dr. Stuart Styles
Professor
Cal Poly San Luis Obispo
sstyles@calpoly.edu

Chuck Custer
Attorney
Gordon & Rees
(650) 728-0553

Bradley M. Rogers

92 Twin Buttes Dr.
Folsom CA 95630
1-916-765-7861
Broger02calpoly.edu

Objective

To obtain an internship in the field of agriculture with respect to engineering.

Education

California Polytechnic State University, San Luis Obispo
Major: BioResource and Agricultural Engineering
Year level: 4
Expected Graduation: Spring 2014
Major GPA: 3.1

Relevant Coursework

- Solid Works
- AutoCAD
- Mechanical Systems in Ag
- Principles of Irrigation
- Engineering Surveying
- Ag Structures Planning
- Circuit Theory
- Mechanics of Materials I
- Dynamics
- Statics
- Calculus (I-IV)
- Public Speaking

Work Experience

- TJ Maxx (June 2012-Present)
- Cashier
 - Customer Service
- Abercrombie (June 2010-August 2010)
- Cashier
 - Customer Service

Projects

- Back flush of Sand Media Filtration Tanks (BRAE 128)
 - Reviewed and tested back flush characteristics of several sand media filtration tanks

References

- Gina Hernandez (TJ Maxx) 1-805-542-9538
- Lauren Rapattoni (Abercrombie) 1-916-788-2701
- Jerri Miklos (Landscape) 1-916-715-8061

Daniel J. Schricker

Permanent

2403 Newcastle Ave.
San Diego, Ca 92007

Local

555 Ramona appt. 68
San Luis Obispo, Ca 93405

(760) 809 - 6072
dschrick@calpoly.edu

Objective

Part time employment or internship with an agriculture engineering or water reclamation facility near SLO or SD.

Education

Junior at Cal Poly, San Luis Obispo
Major: BioResource and Agricultural Engineering, BS
GPA: 3.00

Work Experience

ASI, Cal Poly, (Poly Escapes)
1 Grand Avenue, San Luis Obispo, CA 93405
Rock climbing wall supervisor 2012-present

Astute Medical Inc. (Research Lab)
3550 General Atomics Court, San Diego, CA 92121
Lab assistant and cataloged blood samples 2008-2011

Mary's Tack and Feed, (Retail)
3675 Via De La Valle, Del Mar, CA 92014
Worked the annual tent sale with tech support 2008-2009

Experience

ArchiCAD
BRAE 129 Tools & Forklift
BRAE 151 AutoCAD
BRAE 236 Irrigation
BRAE 239 Surveying

BRAE 312 Water Hydraulics
Solidworks
Welding, ARC and MIG
Can drive manual transmission
First Aid/CPR/AED certified

References

Carlos Lewis

Supervisor at A.M.I.
(858) 882-0462
clewis@astutemedical.com

Kevin Knakamura

Director of Lab at A.M.I.
(858) 882-0453
knakamura@astutemedical.com

Nancy Clark

ASI Outdoor Program Coordinator
(805) 756-7007
naclark@calpoly.edu

Objective

To pursue a part-time internship position in an agricultural engineering related field, complimenting my education and experience as an engineering student.

Education

California Polytechnic State University – San Luis Obispo, Ca **Fall 2011 - Present**
Bachelors of Science, BioResource and Agricultural Engineering
Major GPA: 3.64 Expected Graduation: June 2014

Modesto Junior College – Modesto, Ca **Fall 2008 - Spring 2011**
Major: Mechanized Agriculture
Emphasis: Fabrication
GPA: 3.50 Graduation: 2011

Relevant Coursework:

AutoCAD 2011, SolidWorks 2011, Calculus, Drafting, Statics, Engineering Surveying, Principles of Irrigation, Soil Science, Statistics, Welding (SMAW, GMAW, GTAW, OAW), Hydraulics/Pneumatics, Farm Construction and Materials, Mechanical Systems Design and Evaluation, Computer Applications (Word, Excel, PowerPoint)

Experience

Sweet River Equine Clinic, Modesto, Ca **Summer 2005/2006**
Foreman

- Coordinated various projects including patios, gardening and carpentry.

Cal Poly – BioResource and Agricultural Engineering Department, San Luis Obispo, Ca **Fall Quarter 2011**

Team leader

- Term research project.
- Researched and conducted experiments pertaining to pH of precipitation and rain gauge devices.

Woodside Electronics Corporation, Woodland, Ca **Summer 2012**

Field Service Technician

- Field maintenance and troubleshooting for automated sorting systems.
- Management of self defined and on call work schedule.
- Coordination between growers, harvesters and canneries.

Leadership

Activities

- Member of Cal Poly's Agricultural Engineering Society
- Member of American Society of Agricultural and Biological Engineers
- Cal Poly Quarter Scale Tractor Design Team

Achievements

- FFA American Farmer Degree Recipient
- National Forensic League - National Championship Competitor
- Modesto Junior College Presidents List
- Modesto JC Quarter Scale Tractor Design Team - President
- Cal Poly Quarter Scale Tractor Design Team - President

Skills Overview

- Public Speaking
- Mechanical Troubleshooting
- Project Production, start to finish

References

Steve Amador, Mechanized Agriculture, Modesto Junior College (209) 575-6215 amadors@mjc.edu
Dr. Stuart Styles, ITRC Director, Cal Poly BRAE Professor (805) 756-2429 sstyles@calpoly.edu
Tom Ginsburg, Regional Supervisor, Woodside Electronics Co. (559) 351-8595 thomas@wecotek.com

Nathan G. Sperling

17473 Scaroni Ave, Shafter, CA 93263
(661) 203-2555 ngsperli@calpoly.edu
1256 Canyon Circle, San Luis Obispo, CA 93410-1710

Career Objective: To obtain a mechanical engineering internship.

Education

California Polytechnic State University, San Luis Obispo
Current third year student, planning to graduate with a Bachelor of Science in
BioResource and Agricultural Engineering
Concentration: Mechanical Engineering
Overall GPA: 3.5 Expected Graduation Date: June 2014

Work Experience

- Summer 2012 Ag Industrial Manufacturing Lodi, CA
Manufactured and repaired agriculture related equipment including the following tasks:
- Part fabrication and modification
 - Product assembly and parts installation
 - Hydraulic hose fabrication and installation
 - Hydraulic cylinder repair
- Summer 2010 & 2011 Seneca Resources Fellows/Taft, CA
Worked under the direction of the field engineer on the following tasks:
- Collected oilfield data and organized data into spreadsheets
 - Helped employees with daily operations
 - Performed organizational office tasks and various manual labor tasks
- Summer 2008 & 2009 Bloemhof Farms Shafter, CA
Performed almond orchard maintenance, including:
- water system maintenance
 - weed control

Other Experience

Knowledgeable in AutoCAD and Microsoft Office programs
Hands on experience with hand tools and shop equipment including lathes, mills, and drill presses

Current Activities at CalPoly

Agricultural Engineering Society
Polybuilt Quarter Scale Tractor Design Team
InterVarsity Christian Fellowship
ASABE member

Achievements

2012 BRAE Department John Merriam Memorial scholarship recipient
2012 & 2011 San Joaquin Valley Society of Petroleum Engineers scholarship recipient
2011 BRAE Department Middlecamp Memorial scholarship recipient

References

Paul Burkner	Dr. Zohns	Keith Crowe	Keith Jones
Vice President	BRAE professor	BRAE professor	Engineer
Ag Industrial Manufacturing	Cal Poly	& Polybuilt advisor	Seneca Resources
209-481-1085	805-765-2370	Cal Poly	661-619-7282
pburkner@agindustrialmfg.com	mzohns@calpoly.edu	805-765-2378	jonesk@srcx.com
		kcrowe@calpoly.edu	

James C. Tomac

655 Avalon St. - Morro Bay, California, 93442 - (805) 801-5310 - Jimtomac55@gmail.com

Objective: To obtain an engineering internship position with a consulting firm.

Education: California Polytechnic State University – San Luis Obispo, Ca
Major: BioResource and Agricultural Engineering
GPA: 3.2 Expected Graduation: June 2014

Morro Bay High School – Morro Bay, Ca
Overall GPA: 4.2

Relevant Course Work:

Intro Mechanical Systems in Ag, Engineering Surveying, Fundamentals of Electricity, Principles of Irrigation, Engineering Design Graphics, Auto Cad, Calculus, Physics, Technical Writing for Engineers, Statics, Dynamics, Chemistry and Soil Science

Work Experience:

- 6/08 to 10/08 **Virg's Landing**, Morro Bay, Ca
- Cashier- Dealt with customers in the Bait shop.
 - Mechanic- Worked on projects and helped repair boats.
- 3/10 to 7/10 **Landscaping** (Self Employed), Morro Bay, Ca
- Bid small jobs
 - Installed Sprinklers
 - Maintained numerous yards
- 5/12 to 9/12 **Central Coast Regional Water Quality Control Board**
- Construction Stormwater Student Intern
 - Reviewed Notice of Termination's and Stormwater Pollution Prevention Plans

Achievements/Activities:

- Received American Legion Scholarship
- Received Diana Barnhart Scholarship
- Worked on numerous team and group projects
- Football
- Football Captain
- Wrestling
- Baseball

References:

John Andree
Football Coach/Teacher
Morro Bay High School
(805) 772- 1845

Shaun Farmer
Business Owner
Farmer's Kites and Surreys
(805) 772-0113

Bridget Fraser
Civil Engineer
City of San Luis Obispo
(805) 772-5034

Riley Way

Permanent Address

32 Williams Street
San Rafael CA, 94901
415-300-6109

Local Address

1262 Murray Street Apt. 80
San Luis Obispo CA 93410-1710

rileyway5@gmail.com

OBJECTIVE

To obtain a summer internship in the field of Agriculture Engineering

EDUCATION

California Polytechnic State University- San Luis Obispo, CA

- College Major GPA 3.3
- Bachelor of Science in BioResource and Agriculture Engineering
- Degree Expected: 2014

COURSE WORK

Relevant Course Work

- Drafting for Engineers Class
- Surveying Class for Engineers
- BRAE 216, Electronics for Engineers
- Technical Writing for Engineers
- BRAE 236 Irrigation Principals
- BRAE 151 Auto CAD designing
- BRAE 331 Irrigation Theory

EXPERIENCE

Outside experience with Environment

- Worked on Landscaping Improvement
- Worked at “ On Spot Welding” helping weld and work on projects around the shop
- Helped install a sprinkler system for our lawn
- Field Data Collection of a Citrus Orchard

PROJECTS

Techmark Impact Recording Device Installation

- Enrolled in BRAE 128- 03
- Tested Impact Recording Device and magnitude of impact using acceleration versus time
- Made a Quick Start Guide for using the device

SKILLS

- Basic Welding
- Introduction to Solid Works
- Drafting- BRAE 133
- Machine Operation of Fork Lifts
- Auto CAD on computer program
- Knowledge of Irrigation techniques

LEADERSHIP

Leadership Positions

- Treasurer of Agriculture Engineering Society
- Tractor Pull Treasurer at Cal Poly

REFERENCES

Dr. Andrew Holtz
BRAE Professor at Cal Poly
Email: aholtz@calpoly.edu

Dr. Mark Zohns
BRAE Professor at Cal Poly
Email: mzohns@calpoly.edu

Dr. Stewart Styles
BRAE Professor at Cal Poly
Email: ssstyles@calpoly.edu

TYLER J. ADAM

tadam@calpoly.edu
(805) 260-8491

Objective

To obtain a position at Simplot.

Education

California Polytechnic State University, San Luis Obispo | Sep 2008 - Present

Major(s): Agribusiness | GPA: 3.2

Employment Experience

Cal Poly Organic Farm, San Luis Obispo, CA | Jun 2011 - Present
Assistant Manager

Involved in all aspects of farm production
Trap vertebrate pests to control population on farm
Sell produce in several local farmer's markets

California Department of Food and Agriculture, Buellton, CA | Jul 2010 - Sep 2010
Agricultural Technician 1

Placed and checked insect traps in rural areas
Examined traps for invasive species
Kept meticulous records of findings

Innovative Produce, Santa Maria, CA | Jun 2008 - Sep 2008
Field Sample Collector

Collected crop samples for analysis
Collected and analyzed soil samples for pH and Nitrogen levels

Additional Experience

Cal Poly, San Luis Obispo | Sep 2008 - Present
Relevant Course Work

Advanced Weed Management
Fertilizer and Plant Nutrition
Agricultural Entomology
Insect Pest Management
Introductory Soil Science
Principles of Horticulture/Crop Science

Awards

Dean's Honor Roll and President's Honor Roll

Skills

Work well with others
Self-motivated
Proficient with Microsoft Excel
Organized
Thorough
Efficient

Campus Address

3592 Broad Street #204
San Luis Obispo, CA 93401

Home Address

1951 Cambridge Way
Santa Maria, CA 93454

Emily Cady

1144 Walnut St. Building 10,
San Luis Obispo, CA 93401
(916) 960-3071
ercady@calpoly.edu

OBJECTIVE: Obtaining a summer internship, where I can develop skills in civil engineering, an understanding of water resource management, or build agricultural water systems.

EDUCATION

California Polytechnic State University, San Luis Obispo 2015

- Working towards a Bachelor of Science in BioResource and Agricultural Engineering
- GE Classes at Sierra College, Rocklin, CA May 07- May 11
- Diploma June 2011, Del Oro High School, Loomis, CA. Aug 07- June 11

PROJECTS

Del Oro Rain Water Harvesting System Jan 10- June 11

- Developed, designed, and built a sustainable Rain Water Harvesting System for the Del Oro High School Farm

School Farm Garden May 10-June 11

- Tilled, set up rows, installed irrigation, held weekly vegetable sale booth
- Developed 3 year planting guide catered to the school farms capabilities and each season

EXPERIENCE

Assisted General Contractor, Duncan Todd July 11-Sept 11

- Assisted in building a straw bale house
- Laid roofing material
- Mixed cement, and built cinderblock foundation
- Framed walls for straw-bale installation

Farm Maintenance Family Farm, Foresthill, CA Jan 05- Sept 11

- Installed irrigation systems
- Set up cross fencing for livestock
- Cared for flocks of chickens and turkeys; as well as, herds of sheep

Volunteer Tutor, Del Oro High School, Loomis, CA. Oct 09- June 11

- Tutored students in Math and Science
- Helped develop lesson plans for students to understand the rain water harvesting system on the school farm

Dan Macon Sheep Ranch, Auburn, CA- Intern Jan 08-June 08

- Used rotational grazing to maximize feeding for both sheep and cattle.

ACTIVITIES

- Agricultural Engineering Society
- Society of Women Engineers
- ASABE
- A.O.E.

References

- Regina Dvorak: rdvorak@puhsd.k12.ca.us
- Russ Kelley: (916) 956-1683

Garrett D. Crouder

237 Almond Street
San Luis Obispo, CA 93405
(619) 672-4852 | gcrouder@cox.net

Objective: To obtain a job in the agricultural engineering industry

Education:

- California Polytechnic State University, San Luis Obispo June 2015
 - Majoring in Bioresource and Agricultural Engineering
 - Current GPA: **3.41**

Projects:

- PolyBuilt Quarter Scale Tractor Design team Current
 - Contributed to tractor design and target market
 - Gained experience working in a shop
 - Worked alongside my team to fabricate and build our tractor

Skills/Knowledge:

- Forklift experience
- Machining experience
- Heavy equipment experience
- Natural confidence when dealing with customers
- Work well with others

Membership Experiences:

- Member of 4-H Shooting Sports 2006-2008
- Student Ambassador with People to People International 2009
 - U.S. Representative to Italy, Monaco, France, and England
- PolyBuilt Quarter Scale Tractor Design team Current

Work History:

- Host and cashier at Janet's Café: 2010
- Auto Body Repair Shop: Prep work, final detailing, interior detailing and repair 2011
- Shop assistant at Cal Coast Machinery 2012
- Custodial staff at Grace Church San Luis Obispo Current
- Ranch hand at Quail Springs Ranch in San Luis Obispo Current

Civic Involvement:

- Volunteer:
 - Camp staff member as custodial and maintenance staff
 - Sound technician for religious and community events
 - Remodeling projects
 - Special events coordinator
- Missions trips:
 - Built home and bath house in Mexico
 - Physical labor work projects
- Cleaning crew post San Diego Wild Fires:
 - Built and distributed sifting boxes
 - Assisted in moving families into new homes

Hobbies:

- Working with my hands
- Avid outdoorsman

References: Available upon request

Carissah Cruz

2446 Canyon Circle
San Luis Obispo, Ca, 93410
(408) 201-2619
ccruz01@calpoly.edu

Objectives:

To obtain a position associated with mechanical engineering and further my knowledge and experience in this field.

Education:

California Polytechnic State University, San Luis Obispo, Ca
Expected Graduation: 2015/16

- Major: BioResource and Agricultural Engineering
- Major GPA: 4.0

Major Related Experience:

Skills and Experience

- AutoCAD and Solid Works
- Welding
- Designed and built a mechanical sieve as a group project

Courses

- Introduction to Engineering Design Graphics
- Principals of Irrigation
- Soil Science
- Physics
- Calculus
- Chemistry: Engineering Disciplines
- Technical Writing

Activities and Involvement

Rose Float volunteer Present

- Focus of volunteering in welding (frames of float pieces)
- Frame decoration

Week of Welcome orientation leader 2012

- Event planning
- Group management

References:

Dr. Stuart Styles
• ITRC Director
• BRAE professor and advisor
sstyles@calpoly.edu

Chealsea Ainscow
WOW Facilitator
chelskey2009@gmail.com

others available upon request

Forrest B. Downing

3125 Ocean Ave, Cayucos, CA
(805) 756-1111
Fbdownin@calpoly.edu



OBJECTIVE To attain an engineering staff position incorporating technology and sustainable practices.

EDUCATION California Polytechnic State University, San Luis Obispo
Bachelor of Science, BioResource and Agricultural Engineering
Minor: Soil Science & G.I.S
GPA: 3.5/ 4.0

Related Coursework

CAD for Engineers
Equipment Design

Fluids and Pneumatics
Drafting

PROJECTS Mechanical Sifter

• Participated in the design and fabrication of a scaled mechanical sifter designed for class-room use.

• Determined methods and modes of construction, identified potential problem areas, formulated solutions.

• Participated in the coordination of a group driven project.

OC2- Outrigger Sailing Canoe Fabrication

In Progress

• Constructed virtually using CAD and physically using precision laser techniques.

• Application of advanced materials; C-Flex, Carbon Fiber, epoxy resins, structural laminates

EXPERIENCE

Star wood Construction

Carpentry

Summer 2011

▲ installed- Siding, Roofing, Flooring, Drywall, Trim

▲ Customer liaison to the general contractor

Cuesta College, Grounds and Maintenance

-Spring 2009-winter 2010

-Hourly Employee

• Irrigation design, installation and management

• Equipment operation and maintenance

• Event coordination- weekend events; special Olympics, intercollegiate sports

Eddy Equihua

1365 Lombard St
Hanford CA 93230
(559) 836-2867
eequihua@calpoly.edu

OBJECTIVE

To provide BowSmith with dedication and good work ethics, also to learn the skills and information to properly complete the tasks and goals that come with the job.

EDUCATION

- California Polytechnic University, San Luis Obispo – Class of 2015
 - Studying BioResource and Agricultural Engineering
 - GPA – 3.33/4.00

RELATED COURSEWORK

- Engineering graphics
- AutoCAD
- Evaluation of irrigation methods and irrigation scheduling

QUALIFICATIONS

- Confident, self-starter and extremely motivated
- Able to speak, read, and write in Spanish
- Excellent oral and written communication skills
- Works effectively with others and individually
- Hard working, detail oriented, able to multi-task
- Able to learn and apply knowledge quickly

VOLUNTEER WORK

- Interned in campaign work – 24 hours
- Atascadero Homeless Shelter – 12 hours

CLUB MEMEBERSHIP

- Active SHPE(Society of Hispanic Professional Engineers) Cal Poly SLO
- AES (Agriculture Engineering Society) Club member

REFERENCES

Nicole German
HS AVID Teacher
(559) 583-8903 ext. 8617

Jonathan Fields

942 Sunflower Ct.
Santa Maria, California 93455
T: (805)-406-6052 E: jgfields@calpoly.edu

Objective To obtain an agricultural engineering internship.

Education California Polytechnic State University, San Luis Obispo
Major: BioResources and Agricultural Engineering
Expected Graduation June 2015
Major GPA: 2.57

Relevant Course work:
Principles of Irrigation, Engineering Surveying, Engineering Design Graphics.

Experience Betteravia Farms LLC, Santa Maria, CA 2011, 2012

- Welding shop
- Built cultivation bars
- Assembled well irrigation filtration systems
- Made concert forums
- Laid rebar
- Poured and finished cement
- Forklift operator
- Power washed and painted buildings

Ernest Righetti Ranch, Santa Maria, CA 2008-present

- Baled/ Stacked hay
- Feed cattle
- Doctored cattle
- Mended fence

Awards

- Elks Student of the Month
- Santa Barbara Foundation Scholarship Recipient
- Four year Varsity Letter, High School Track and Field

Activities

- Cal Poly Track and Field Team 2011-2012
- Volunteer Supervisor at El Camino Homeless Organization June 2012

References

Milo Ferrini	Brent Reiswig
Owner	Supervisor
Betteravia Farms	Betteravia Farms
(805)-714-7294	(805)-714-2031

Preston Fischer

1957 Hope Street
San Luis Obispo, CA
93405

(208)740-0025

prfische@calpoly.edu

Current Objective

To work in the agricultural engineering industry.

Education

Attending second year of California Polytechnic State University and majoring in **BioResource and Agricultural Engineering**.
Current GPA is 2.4

Current Involvement in Clubs and Organizations

Agricultural Engineering Society
Tractor Pull Club
Poly Goats (four-wheel drive club)

Awards

American FFA Degree. Received October 2012

Employment

Cal Poly Agriculture Operations Shop

September 2012- Present. Currently Employed at the as a mechanic's assistant.

I.P. Callison and Sons, Nampa Idaho

June 2011- September 2011. June 2012- September 2012. Warehouseman. Collected and processed barrels of mint oil from and around the Treasure Valley. Duties included driving a commercial vehicle, processing barrels, and operating a fork lift.

Payette Valley Supply, New Plymouth, Idaho

May 2010 – May 2011. Sales Clerk. Duties included assisting customers with purchases, filling propane tanks for customers, and keeping the store stocked and cleaned.

Fischer Farms, LLC, New Plymouth Idaho

2006 –2010. General Farm Labor. Duties included irrigation, general labor, and the use of tractor and other large equipment. Also assisted the shop by welding and performing general maintenance on farm equipment.

References

Kevin Barker, FFA Advisor (208) 739-8363
Gene Schmitt, Manager at I.P Callison (208) 880-2506
Kevin L. Piper, Director of Agricultural Operations (Cal Poly) (805) 756-6440

Jake Freedman
237 La Canada
San Luis Obispo, CA 93405
Jakefreedman267@gmail.com
(805) 448-8907

Objective

To obtain a summer internship in agricultural engineering

Education

California Polytechnic State University - San Luis Obispo, California
Bachelor of Science in **BioResource and Agricultural Engineering**
Degree expected: June 2015 Class standing: Freshman
Intended Concentration: Mechanical Systems

Santa Barbara City College – Santa Barbara, California
Dual Enrollment 2010-10211
GPA: 3.70

Relevant Course Work:

- Intro to Bio Resource Agriculture Engineering
- Bio Resource Agriculture Engineering Lab safety
- Intro to Soil Science
- Environmental Horticulture Landscape Design/ maintenance
- Auto CAD
- Solid Works
- Principals of Irrigation
- Engineering design graphics

Experiences

Mountain Construction- Santa Barbara, CA
2011 - 2012

Foreman's assistant

- Demolition and remodel of rooms
- Tree work (trimming and removing/ chipping)
- Door and window installation
- Framing and construction

Santa Barbara Motorsports- Santa Barbara, CA
2010

General Help

- Worked with customers and helped send them in the right direction.
- Cleaned and worked on bikes/ ATV's
- Worked in a professional sales environment

Skills

- Fork Lift Training
- Auto CAD/ Solidworks
- Mechanically inclined

Delaina Gambrell

Phone: 707-386-5867

E-Mail: delainamgambrell@yahoo.com

Objective

To obtain an internship that will help me decide where I want to go in the field of Agricultural Engineering.

Education

California Polytechnic University
Bioresource and Agricultural Engineering

Class Level: First Year
G.P.A. 3.0

Relevant Coursework:

Auto Cad	Engineering Design Graphing	Lab Skills and Safety
Soil Science	Careers in Bioresource and Agricultural Engineering	Public Speaking

Technical Experience

Research and monitoring of data for ITRC under Stuart Styles

Jan 2012

Examined rain data under Cal Poly advisor for the ITRC and developed spreadsheets for the site

- Researched acidic rain and effects it has on its surroundings
- Received data collections from multiple sources and placed them in Excel developing an easier way to look at the data
- Analyzed and compared the data taking note of outliers
- Provided a final report on entire project that encompassed all data as well as explanations for outliers

Created functional vibrating sieve machine

Nov 2011

Developed a working sieve machine that was used for a Cal Poly concrete class

- Researched most efficient sieve machines in order to model our machine after
- Collaborated within a team creating a list of objectives and working towards them
- Visited an existing soil aggregate plant to assess the successfulness of their sieve designs
- Constructed the device using angle iron and a wheelbarrow
- Welded angle iron pieces together
- Attached device to a motor and tested the device to see which slope of the screen would be proficient at sifting matter

Work Experience

Front Desk Assistant at Residence Hall

Sep 2011 – Present

Cal Poly Campus

- Give friendly customer service to parents and students in need of help around campus
- Work with Resident assistants as well as the CSD to provide the best service for the customers

Skillset

Familiar with: Solid Works, Welding

Proficient at: AutoCad, MS Word, MS Excel, MS PowerPoint

Aldo Hernandez
1420 Rodgers Rd, Hanford, CA 93230
(559) 836-1651
aherna72@calpoly.edu

Objective: To obtain an internship in the agricultural industry related to irrigation

Education: California Polytechnic State University, San Luis Obispo

Major: Bachelor of Science, BioResource and Agricultural Engineering

Expected Graduation: June 2015

Related Coursework; AutoCAD, Solidworks, Engineering Surveying, Principles of Irrigation, and Soil Science.

Work Experience:

06/12-Present (Full/Part Time) *Cal Poly Agricultural Operations Department*

- Multiple irrigation practices including Hand Moved Sprinkler pipe, Drip Tape, and Furrow Surface Irrigation
- Fencing; Taking out old fence and replacing it with a new fence
- Weed control
- Rodent control
- Tractor operator

06/10-09/11 (Part Time) *Auto Island Car Wash*

- Allocated money
- Coordinated the training of new employees

06/10-09/10 (Part Time) *Dutra & Dutra Dairy*

- Milked cows at a productive, sanitary, and efficient manner.

Activities:

- Agricultural Engineering Society
- American Society of Agricultural and Biological Engineers
- Latinos in Agriculture

Skills:

- Fluent in Spanish language reading, writing, and speaking.
- Word Processing: 60 Words per minute.

Travis Hudelson

18922 Perimeter Rd
Grass Valley, CA 95949

thudelson@calpoly.edu
(530)-798-3279

Education

California Polytechnic State University-San Luis Obispo, CA
Bachelor of Science in BioResource and Agricultural Engineering

Class Standing: Junior

Overall GPA: 2.5

Concentration: Mechanical Systems

Degree Expected: June 2014

Relevant Course Work

- Electrical Systems Fundamentals
- Mechanical Systems
- AutoCAD/ Solid Works
- MATLAB Programing
- Physics/ Calculus/ Chemistry
- Technical Writing
- Engineering Surveying/ Drafting

Work Experience

Woodside Electronics Co, Woodland, CA

Summer 2012

Field Technician

- Maintained optical sorting components on tomato harvesters.
- Interacted with farmers and dynamically met their individual needs.
- Managed individual schedule and worked on call around the clock.

Black Oak Golf Course, Auburn, CA

Summer 2010, 2011

Maintenance Crew Member

- Maintaining lawn mowers and other machinery
- Irrigation systems repair and maintenance
- Constant interaction with customers
- Setting up and maintaining course
- Turf and grass maintenance

Skills

- Proficient in Microsoft Excel, Word, and other computer platforms.
- Effective communication in front of classes and sports teams
- Project management as Eagle Scout renovating CA historical site
- Automotive/ Mechanical repair knowledge and practice
- Effective team management as water polo team captain
- Maintain a positive attitude in challenging situations
- Strong individual work ethic

Leadership & Extracurricular

- Central Coast Association of Wakeboarders, Member
- Agricultural Engineering Society, Member
- Quarter Scale Tractor Design Team, Member
- Cal Poly Intramural Sports (Basketball, Soccer)
- BSA Eagle Scout

JENNIFER D HULAK

545 Couper Drive
San Luis Obispo, CA 93405
(559) 281-6646
Jennifer.Hulak@gmail.com

CAREER OBJECTIVE

To obtain a position pertaining to the field of agricultural engineering

EDUCATION

California Polytechnic State University, San Luis Obispo

Major: BioResource and Agricultural Engineering

Overall GPA: 3.6 Expected Graduation: June 2014

Relevant Course Work:

Drafting, AutoCAD, Solid Works, Physics, Calculus, Differential Equations, Computer Science, C Programming, Statistics, Soil Science, Principles of Irrigation, and Fundamentals of Electricity

WORK EXPERIENCE

8/11 to 5/12 (part time): *Willow International Center, Clovis, CA*

- Student worker/ math tutor
- Worked in the math department tutoring a wide variety of math and physics students

8/09 to 5/11(part time): *House Psychiatric Clinic, Fresno, CA*

- Secretary Aid
- Billing Assistant
- Answered phones, filed, set up appointments for patients, insurance verification

6/03 to 7/08 (seasonal/summer): *Copperwood Training Stables, Clovis, CA*

- Horse Camp Counselor
- Teaching young children about safety around horses, saddling and bridling, and general management of horses

ACHIEVEMENTS AND ACTIVITIES

- Cal Poly Quarter Scale Team Member
- Cal Poly Agricultural Engineering Society (AES) Member
- Coarsegold Rodeo Queen 2008
- High School Rodeo 2006-2008

REFERENCES

Dr. Matthew House
Psychiatrist
(559) 226-1316

Jeannette Herbold
Stable Owner/ Horse Trainer
(559) 304-6949

Teresa Ishigaki
Tutoring Center Supervisor
Teresa.Ishigaki@scccd.edu

Raul Lopez-Martinez
2065 San. Lombardy Court
Los Banos, CA. 93635
rlopezma@calpoly.edu
(209) 675-3605

Education:

California Polytechnic State University, San Luis Obispo
BioResource and Agricultural Engineering
GPA: 2.67

Work Experience:

Premier Cinemas (full time), May 2008 - September 2009

- Worked as an usher
- Thank and greeted customers
- Worked with a cash register at the snack bar in the theater

Fremont Front Desk (part time), September 2009 - June 2011

- Keep desk area organized
- Assisted in the completion of front desk projects
- Monitored and maintained supplies
- Maintained front desk logs, like equipment checkout and package log
- Keep track of a key inventory, that included all dorm keys
- Maintained a positive customer service
- Ensured mail was delivered to residents efficiently and on time
- Worked many evenings and weekends

Cal Poly Financial Aid Office (part time), September 2011 - February 2012

- Office assistant
- Maintained a positive customer service

Extracurricular Activities/Achievements:

Future Business Leaders of America (FBLA), 2 year member

National Honor Society, 3 year member

Latinos in Agriculture (LIA), 2 year member

Society of Hispanic Professional Engineers (SHPE), 1 year member

New Bethany, over 100 hours of volunteer work in local residential care community

Los Banos High School, graduated with a 3.60 overall GPA

California Polytechnic State University ΓZA Fraternity ,chapter's community service chair
2011-2012

California Polytechnic State University ΓZA Fraternity, chapter's secretary
2012-present

Successfully switch majors, from nutrition to BioResource and Agricultural Engineering

First member in my family to go to a university

Other:

Fluent in Spanish

Sam Mayer
41509 County Road 27, Woodland, CA 95776
(530) 723-3786 smayer@calpoly.edu

Career Objective: To obtain a position in the agriculture industry associated with water.

Education: California Polytechnic State University, San Luis Obispo
Bachelor of Science, BioResource and Agricultural Engineering
Expected graduation: Spring 2015 Class standing: Sophomore
Major GPA: 3.56

Work Experience:

Summer 2012: Pioneer Hi-Bred International

- Temporary Plant Worker - Production Sunflower Division
- Regularly checked 59 assigned fields for growth stages and to identify issues
- Responsible for keeping precise data and relaying that data back to superiors
- Provided first line of quality control in the fields

Summer 2010 and 2011: SB Voelz Farms, Dunnigan, California

- Farm Hand
- Worked in an olive orchard, rice, carrot, onion, sunflower and watermelon fields
- Managed the irrigation of 100 acres of olives
- Gained experience in various shop tasks essential to the operation of the farm
- Leaned basic irrigation, growing and harvest practices

2003-Present (part time): Frate Sole Woodland, California

- Farm Hand
- Worked on family olive orchard where I maintained equipment
- Repaired and checked irrigation systems regularly
- Ensured quality of the oil from harvest to bottling
- Identified and managed projects to improve farm productivity

Activities/Achievements:

- Cal Poly Agricultural Engineering Society
- Cal Poly American Society of Agricultural and Biological Engineers
- Cal Poly Agricultural Council Representative
- Cal Poly Tractor Pull Club
- Eagle Scout – Boy Scouts of America

References:

A.J. Anderson
Production Agronomist
Pioneer Hi-Bred International
(530) 681-1736
Aj.anderson@pioneer.com

Blair Voelz
Farm Owner
SB Voelz Farming
(530) 681-1144
bvfarms@sbcglobal.net

Nate McCarthy

1038 Pauline Way
San Luis Obispo, CA 93410
Home: 435-757-2660
Cell: 435-757-2660 :
n8mcdawg@hotmail.com

Mission Statement

To obtain employment as an irrigation technician with TruGreen Landcare.

Relevant Coursework

- Fundamentals of Engineering—BRAE 236 (in progress),
- Introductory Soil Sciences—SS 121

Experience

Landscape maintenance worker

September 2012--present

Autumn Landscapes – San Luis Obispo, CA

Duties include mowing lawns, pruning roses, blowing leaves, irrigation maintenance

- Personally installed drip emitters in pre-existing residential irrigation system

Education

California Polytechnic State University 2015, San Luis Obispo, CA-Currently enrolled

GPA: 3.36

Agricultural Engineering

Bachelor of Science

Matt Pekin

2102 Loomis Street
San Luis Obispo, CA 93405
619.997.7197
mttpekin@gmail.com

Objective: To obtain an engineering job in the agriculture field.

Education:

Cal Poly San Luis Obispo	2015
BioResource and Agricultural Engineering	3.0 GPA
Related coursework: Soil Science, Calculus, Physics, SolidWorks, AutoCAD, Drafting, Surveying, Irrigation, Principles of BioResource Engineering	

Related Experience:

Mechanics Assistant, Current

- Help do repairs and modifications on airplanes and helicopters

Internship at Knight and Carver, Fall 2010

- Worked with carpenters repairing Sea Adventure 80 for a month
- Learned about framing, deck building, hull planking
- Became familiar with industry specific tools

Model boat and airplane scratch building

- Built planes and boats out of wood for 10 years

Matt's Boat Cleaning

- Ran a boat washing business during high school

References

Jack Leer
Boat Washing Customer
619.318.1212

Wayne Freeman
Aeronautic Mechanic
805.594.0726

Mike Poppalardo
Restaurant Manager
831.869.1338

Reid Pelfrey

9917 O Street
Live Oak, CA 95953
(530) 218-0385
reid.pelfrey@gmail.com

Career Objective: To obtain a position in the agricultural industry associated with irrigation.

Education

California Polytechnic State University, San Luis Obispo
Major: Bioresource and Agricultural Engineering
GPA: 2.3 Expected Graduation: June 2015

Relevant Course Work:

Soil Science, Engineering Surveying, Principles of Irrigation, Physics, Calculus

Work Experience

Summer 2012 ***Munger Vineyard, Live Oak, CA***

- General Laborer
- Maintained 3 acres of property $\frac{3}{4}$ of which was vineyard. Harvesting, pruning, and repairing drip irrigation systems were all tasks I performed.

Summer 2011 ***LOMO Cold Storage, Shipping, and Receiving, Live Oak, CA***

- Sample Puller
- Operated machinery that pulled a sample of peaches from a bin to establish a grade for the load of fruit.

Achievements/Activities

- Cal Poly Orientation Programs Spring 2012 to Present
 - Orientation Leader
- Wrestling- 7 years, 6th place California High School State Championships
- 2011 Salutatorian Live Oak High School

References

Gabby Rodriguez

Office Manager

LOMO Cold Storage

1-530-870-7486

Mike Fredericks

Wrestling Coach/AP
English Teacher

Live Oak Unified
School District

1-530-701-7068

Stacey Munger

Vineyard Owner

Live Oak, CA

1-530-774-3989

Patrick Jeffrey Pinkard
17463 Lone Oak Rd.
Sanger, CA 93657
(559) 917-3012
pinkard.patrick@yahoo.com

Career Objective: To obtain a management position through a large scale GIS farming operation.

EDUCATION: 2011 - present: California Polytechnic State University
Major: Agricultural Systems Management
Overall GPA: 2.5

CO-CURRICULAR ACTIVITIES: -Member, Future Farmers of America
-Member, Agricultural Engineering Society, Cal Poly, 2011

SKILLS: -Welding and soldering
-Operate fork lift, farm tractors, and other farm machinery
-Experienced in alfalfa
-Skilled in raising farm animals
-Skilled in training horses

WORK EXPERIENCE: -Bob Pinkard Excavating, Santa Cruz, CA, Summer 2008-10
-Tennis Warehouse, San Luis Obispo, CA, Spring 2012-present
-All Five Ranch Internship, Big Pine, CA, Summer 2012

REFERENCES: Zachary Smith, Owner All Five Ranch (760) 920-2265
Greg Ravy, Welding instructor (760) 533-8416

Garrett E. G. Rasmussen

7600 Sikes Rd.
Dixon, CA 95620
(707) 689-3191
gerasmus@calpoly.edu

Career Objective: To obtain a position in the agricultural industry associated with water

Education: California Polytechnic State University, San Luis Obispo
Major: BioResource and Agricultural Engineering
Overall GPA: 3.1 Expected Graduation: June 2016

Relevant Course Work:

Principles of Irrigation, AutoCAD, Drafting, Soil Science, Engineering
Surveying, Physics, Calculus, Ag Mechanics, Ag Business

Work Experience:

7/10/09 to Present(part time): *Glide Inn Duck Club, Dixon, CA*

- Tractor Operator
- Designed waterfowl habitat and metal work

5/1/11 to 6/30/11: *Davis Farmer's Market, Davis, CA*

- Sold MJ Livestock lamb
- Handled cash register

Achievements/Activities:

- Recipient of American FFA Degree
- Regional Wildlife Management Proficiency Award Recipient
- Dixon FFA Chapter Treasurer/Reporter
- Attended National FFA Conference
- Industrial Arts Principal Award from Dixon High School

References:

Martin Emigh
Ranch Owner
MJ Livestock
(707) 580-5607
Email: N/A

Jim Egan
Operations Manager
Glide Inn Duck Club
(530) 219-4608
jeanneegan@wildblue.net

17640 Vineland Ave		(408) 425-3625
Monte Sereno CA, 95030		ssedigh@calpoly.edu

Soroush Sedigh

Objective

To obtain an engineering internship or summer job.

Education

California Polytechnic State University, San Luis Obispo, CA

Bachelor of Science Degree: **BioResource and Agricultural Engineering**, June 2015

Related Course Work –Laboratory Skills and Safety, Calculus, Physics, Chemistry, Electrical Engineering, Principles of Irrigation, Engineering Design Graphics, Cultural Anthropology, Communications, Soil Science

Cumulative GPA –2.6

Experience

Cypress Semiconductor- San Jose, CA

June 2012-September 2012

Systems Analyst Intern

- E-test and data analysis to evaluate product functionality using programs such as excel, JMP, and SAS.
- Evaluation of wafer production methods in regards to product effectiveness.

Cypress Semiconductor- San Jose, CA

Lab Technician

December 2010-August 2011

- Lab work testing products developed by Cypress Semiconductor.
- Worked on recording a standard set up for tools used to perform product tests in order to be able to easily switch between desired set up and standard set up of tools and machines.
- Obtained skills working with many high tech instruments

Kumon after school learning program- Los Gatos, CA

Tutor

February 2008-May 2011

- Used my mathematics skills to teach kids ranging from the ages of 3 to 16 in various aspects of school work ranging from simple counting all the way to calculus. Also taught children how to read and write using proper grammar and writing methods.
- Consistently received requests from the parents of the children to become their private tutor.

Computer and Technical Experience

- Computer Languages: HTML, Visual Basic
- Applications: MS Office, JMP, SAS, High Level MS Excel Programming and Macro Development
- Proficient in Database Creation and Management

Involvement and Leadership

DELTA SIGMA PHI FRATERNITY- San Luis Obispo, CA

September 2012-Present

Vice President of Public Relations

- Acted as the liaison between campus, the community and a 100+ member organization
- Managed events and outreach efforts to increase positive awareness and membership

Representative of Delta Sigma Phi to the Inter Fraternity Council

- Member of a 13 person board that makes decisions on Cal Poly Greek Life and how it affects its members and the community

Engineered Leadership

- Organized philanthropies, fundraisers, community service events, and retreats for a 100+ member organization to help better the community and the men who were part of the fraternity.

Walden West Camp Counselor - Big Basin Forest, Saratoga CA

Volunteer Camp Counselor and Staff Member

February 2011

- Developed leadership skills through mentoring and leading groups of campers
- Planned and coordinated activities and entertainment for 150+ campers, staff, and counselors
- Taught kids basics of forest wildlife and what makes an ecosystem

References

Shane Denton- Director of Foundry Operations at Cypress Semiconductor, csd@cypress.com, 1-(512)-630-5351

Geethakrishnan Narasimhan- Principal Technology Development Engineer at Cypress Semiconductor

Uma Thontakudi- Director, Kumon Math & Reading Ctr of Los Gatos, kumonlg@gmail.com, 1-(408)-772-7705

CHASE ULRICH

11383 Lee Rd, Ballico, CA, 95303

(209)262-7899

cdulrich@calpoly.edu

OBJECTIVE

To attain a career position in engineering with an emphasis in agricultural machine designing and manufacturing.

EDUCATION

BioResource and Agricultural Engineering Degree

Expected June 2015

California Polytechnic University of San Luis Obispo

GPA: 2.9

Related Coursework:

Soil Science, Principles of Irrigation, AutoCAD, Solid Works, Drafting, Fundamentals of Electricity, Engineering Surveying, Physics, Calculus

EXPERIENCE

Field Sample Receiver

2007-Present

Ulrich Management and Consulting, Ballico, California

Almond and walnut managing and pest control advising business of over 8000 acres

- Visited all clients ranches and took soil samples
- Visited all clients ranches and took tissue samples
- Drove around clients ranches and checked for problems

Farm Equipment Manager

2006-Present

Lee Rd Ranch, Ballico and Denair, California

100-acre almond orchard: 70 acres in Ballico and 30 acres in Denair

- Fixed any broken machinery such as tractors, quads, and sprayers
- Changed oil and maintained machines
- Transported equipment to its destination by trailer

Farm Hand

2004-Present

Lee Rd Ranch, Ballico, California

70-acre almond orchard

- Irrigated and checked sprinklers
- Sprayed weeds
- Sprayed trees
- Harvested with various machines
- Pushed brush
- Fixed broken pipes and removed dead or sick trees

ACTIVITIES

- Tractor Pull Club
- Cal Poly Republicans Club
- President of Turlock Christian High School Student Body
- Agricultural Engineering Society
- Mission to Dominican Republic to build houses

REFERENCES

Dirk Ulrich

Ulrich Management and Consulting
Owner
(209)-531-6662

Kyle Fast

Turlock Christian High
Principal
(209)-485-0911

Edward Sherron

Industrial Ag Solutions
Owner
(209)-631-4761

Luis G. Vazquez

555 Ramona Dr. Apt 42
San Luis Obispo, CA 93405
Luismemo21@gmail.com
(909) 714-7925

- Objective** To obtain an Internship in BioResource & Agricultural Engineering
- Education** California Polytechnic State University – San Luis Obispo
Bachelor of Science, BioResource and Agricultural Engineering
Degree Expected: June 2016 Class Standing: Sophomore
GPA: 2.6 Cumulative
- Experience**
- Morocco Method Intl., Los Osos, California**
Production Associate Current
- Manage and deliver cosmetic shipment
 - Take inventory of finished product
 - Retrieve packages from warehouse
- Zumiez, Rancho Cucamonga, CA**
Sales Associate Summer 2011
- Create visually appealing clothing displays
 - Assist customers with questions about merchandise
 - Receive shipment and restock shelves in an organized fashion
 - Utilize the cashier to process transactions and purchases
 - Assemble hard goods for customers
- Artistic Cosmetic Technologies, Inc. Santa Fe Springs, CA**
Laboratory Assistant Summer 2006/2007
- Wash and Sterilize laboratory equipment
 - Organize chemicals to increase efficiency of work flow
 - Formulate small cosmetic batches for Chemist
- Skills** Fluent in Spanish
Experience with AutoCAD and SolidWorks
- References**
- | | |
|-----------------|--------------------|
| Jocelyne Chavez | Joshua Godinez |
| Teacher | Guidance Counselor |
| (951)288-4476 | (760)567-2123 |

DEREK WALKER

1569 La Linda Lane | Chico, CA 95926 | (949) 370-6072 | dmwalker@calpoly.edu

OBJECTIVE

To attain a career in engineering with a focus in irrigation and other water sciences.

EDUCATION

California Polytechnic State University, San Luis Obispo GPA: 3.2/4.0
Undergraduate in the Bachelor of Science in BioResource and Agricultural Engineering

RELEVANT COURSEWORK

- Laboratory Skills and Safety
- Soil Science
- Engineering Surveying
- CAD for Agricultural Engineering
- Principles of Irrigation
- Calculus I – IV
- General Physics 1, 2 and 3
- Fundamentals of Electricity

EMPLOYMENT HISTORY

Office Assistant, North State Radiology (*Chico, CA*) Summer 2009, 2010

- Organized complete remake of warehouse storage room
- Converted all hard documents to electronic storage system
- Contacted and assisted customers with regards to billing

Ranch Hand, Oak Springs Ranch (*Butte Valley, CA*) Summer 2011

- Operated light machinery
- Constructed miles of fencing in rough terrain
- Planning for and purchasing of various equipment needs
- Land and vehicle maintenance

Farm Hand, Larry Hansen Farms (*Princeton, CA*) Summer 2012

- Maintenance and management of orchard micro-sprinkler irrigation
- Serviced and repaired various International tractors and harvesters
- Operated company equipment including trucks, tractors, forklifts, blowers, and ATV's
- Irrigated row crops and checked and maintained water levels in rice fields
- Applied Spanish skills to translate for Hispanic coworkers

ACTIVITIES

- Agricultural Engineering Society
- Tractor Pull Club; Co-Chair Officer of committee
- Manager of multiple Cal Poly intramural soccer teams

**References available upon request.*

Alexander Gene Wright

1314 East Foothill Blvd. Apt. D
San Luis Obispo, CA 93405
(808) 283-7566

Education:

California Polytechnic State University, San Luis Obispo
Major: BioResource and Agricultural Engineering (BRAE)
Emphasis: Sustainability and Environmental Management
GPA: 1.96 Cumulative Expected Graduation date: Spring 2015
Course work: Careers in BRAE, Laboratory Skills & Safety, Intro to Engineering Design Graphics, Principals of Irrigation, Engineering Surveying, Fanatical Accounting, Public Speaking, Intro to Architecture and EDES, Writing and Rhetoric, Calculus, Land & Resource Management, Physics, Psychology, Intro Soil Science.

Work Experience:

1. (5/07-8/10) *Cunningham Framing and Finish*
 - Rough Framer and Carpentry
 - Masonry apprenticeship
2. (5/07- present) *United States Soccer Referee (USSF)*
 - Grade 8 Referee
3. (8/11-present) *Catalyst Soccer Academy Coach*
 - Coach children ages 6-12 on soccer skills and technique
4. (6/12-8/12) *Michael Wright & Assoc. Inc. Construction Management*
 - Internship in the Construction Management industry.

Clubs & Organizations:

- Agricultural Engineers Society (Member)
- USSF Referee (Member)
- Hawaiian Canoe Club (Member)
- Maui United Soccer Club (Member)

Leadership Positions:

1. Catalyst Soccer Club Coach – For the past 2 years I have helped bettered the San Luis Obispo community by getting involved as a youth coach. Twice a week I coach children ages 4-12, on the proper skills, techniques and tactics that can be applied to the game.
2. USSF Referee Mentor- I give evaluations for younger referee's when they first start out. I will watch their game, take notes and give them feed back at the end of their game on how they can improve next time.
3. Maui Invasive Species Committee (MISC) Volunteer- eradication of invasive species that are not alien to Maui's native watershed.

References:

Bill Cunningham
Cunningham Framing and Finish
Employer / Soccer Coach (5 yrs / 5 yrs)
(808) 250-6464

Dave Jorganson
Law Offices Of Dave Jorganson
Employer / Family Friend (5yrs / 19 yrs)
(808) 281-4337