

Cristina Pedroncelli

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OBJECTIVE

Seeking an entry level Water/Environmental Engineering position which allows me to work towards the Professional Engineering License.

EDUCATION

Bachelor of Science, Civil Engineering
University of California, Davis

Expected Graduation: June 2015

GPA 3.43

Dean's Honor List Recognition 2012, 2013, 2014

Engineer in Training Certification, State of California, #155005

Related Coursework

Environmental Analysis of Aqueous Systems, Foundation Design, Groundwater Systems Design, Hydraulics, Hydraulic Systems Design, Water Quality Management, Soil Mechanics

SKILLS

AutoCAD, FlowMaster, Microsoft Office, Microsoft Project, MATLAB, GIS, LINGO, VBA

EXPERIENCE

Engineering Student Intern, Sacramento Regional Wastewater Treatment Plant 2/2014-present

- Performed benchmark testing and current condition analysis including sample and data collection of pH and chlorine measurements
- Cross training in operations for quality assurance on air and liquid permits
- Presented analysis on pump vibration study to determine optimum settings
- Developed optimization program for odor control to reduce violations and complaints

Project Manager Concrete Canoe, UC Davis 12/2012- present

- Organized team of 25 students to develop and build a canoe out of lightweight concrete
- Optimized boat shape using structural analysis and AutoCAD
- Presented design report at regional competition to panel of professional engineers
- Completed project within a short timeline and minimal budget

Tutor, UC Davis Student Academic Success Center 9/2012-12/2013

- Developed study plans to ensure academic success for scholarship student athletes
- Improved and motivated clients to write grammatically correct and creative essays
- Requested by athletes for successive classes

Camp Counselor, UC Davis Campus Recreation and Unions 4/2013-8/2013

- Developed leadership, organization, and team work skills
- Coordinated activities and instructed children of various levels of maturity
- Collaborated with seven other staff members to implement safe and creative activities, such as woodworking, active games, and field trips

ACTIVITIES/ ACHIEVEMENTS

Member, American Society of Civil Engineers, 2012-present

Member, AWWA 2013-present

Girl Scout Gold Award Recipient 2011

Member, Swim Club at Davis 2011-present