

REGINA STORY

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OBJECTIVE

Advance as a Civil Engineer from an entry level career position emphasizing in water resources.

EDUCATION

Bachelor of Science, Civil and Environmental Engineering

University of California, Davis, Expected July 2015, GPA: 3.4

Dean's Honor Roll, *College of Engineering and Agricultural and Environmental Science*

Related Coursework: Engineering Hydraulics, Water Quality Management, Hydraulic Structures Design, Water Resources Engineering Planning, Green Engineering Design, Ecogeomorphology

SKILLS

Computer: ArcGIS, MS Word, Excel, PowerPoint, MATLAB, and AutoCAD

Field/Lab: Bathymetry Survey, General Chemistry, Hydraulics, and Soil Mechanics Laboratory

EXPERIENCE

- Engineering Intern**, San Joaquin River Restoration Program, Bureau of Reclamation Spring 2014 - present
Calculated unexpected seepage losses using Excel, CDEC, and others. Completed Section 401 and 404 permits. Created a comprehensive monitoring map with ArcGIS. Generated land appraisal data with ArcGIS. Data management and calculations for consultants. Reviewed and edited technical reports. Attended stakeholder meetings.
- Resident Advisor**, *Engineering, Environmental and Agricultural Sustainability Education*, Student Housing, Davis, CA 2012-2014
Implemented engineering and sustainable programs. Collaborated with campus resources. Mediated conflict and crisis situations. Initiated tours. Evaluated facilities for maintenance. Diversity training. Role modeled ethical leadership. Time management of school, job, and outside activities
- Research Assistant**, In-situ Groundwater Remediation using Bubble Aeration, UC Davis Summer 2013
Conducted field work. Collaborated with Water Quality Control Board employee. Organized and prepared lab equipment. Performed slug test. Collected and recorded data. Reviewed differential equations for project proposal. Edited proposal text.

PROJECTS

- Hydraulic Structures Design**, Water Resources Engineering, UC Davis Spring 2015
Estimated peak rainfall runoff. Designed a drainage channel. Used FlowMaster to design a storm sewer system with gutters, inlets, and pipe conveyance. Designed a culvert with CulvertMaster. Synthesized final report. Generated AutoCAD figures.
- Foundation Design**, Geotechnical Engineering, UC Davis Winter 2015
Designed the foundation structure for a 25-story building in Oakland, CA. Organized and calculated data in Excel. Compiled a technical report. Served as Project Manager.

ACTIVITIES & AWARDS

- President**, American Water Works Association Student Chapter at UC Davis Spring 2014-present
- Jaime Amorocho Memorial Scholarship**, Department award for water resources Spring 2014
- Davis Honors Program** Fall 2011-present