

ADAM S MORALES, EIT

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Objective

An entry-level geotechnical engineering position working with seasoned professional mentors

Education

California Polytechnic State University, San Luis Obispo, CA

Bachelor of Science in **Civil Engineering**, December 2011

Concentration: **Geotechnical & Water Hydraulics Engineering**

GPA: 3.1 Financed 100% of college expenses EIT Certified: # 139794

Riverside Community College, Riverside, CA

Associate of Science in **Mathematics** & Associate of Arts in Humanities, June 2008

Relevant Cal Poly Coursework: Slope Stability Analysis, Shallow Foundation Design, Groundwater Hydraulics, Hydraulic Systems Engineering, Geological Engineering, Geo-Environmental (Landfill) Engineering, Environmental Engineering, Water Resources Engineering, Water and Waste Water Engineering, Environmental Hydraulics, Structural Steel and Concrete Design, Surveying

Civil Engineering Experience

Engineering Intern

6/2011 to 9/2011

Contra Costa Water District, Concord, CA

- Performed **slope stability assessments** for multiple hill-slope failures and researched repair options
- Modeled hydrology for storm pipe sizing and designed related small dam embankment repair
- Created engineering design tools, such as pipe deflection and thrust restraint calculator
- **Designed** district safety improvements such as ladder systems, safety climb devices and davit arm installations
- Collaborated with engineers and technicians from across the engineering, construction, planning and operations & maintenance departments

Draftsman

6/2006 to 1/2008

E2 Environmental, Irvine, CA

- Worked with civil, chemical and environmental engineers, geologists, GIS specialists, graphic arts specialists, and support staff
- Responsible for all drafting work done for major clients such as Chevron, Monsanto and Shell
- **Recruited and trained** my replacement before transferring to Cal Poly

Student - Senior Project

1/2011 to 6/2011

- Developed a professional SOQ and Design Report for a K-12 future private school in Arroyo Grande
- Designed major structural, geotechnical, water management, and transportation elements of the project
- Received **top grade** out of 28 teams; final product available for review

Technical Skills

Proficient with: AutoCAD; Microsoft Excel, Word, and PowerPoint

Experience with: AutoCAD Civil 3D; Winstabl (Slope Stability Analysis); ModFlow (Groundwater Modeling); Bentley WaterCAD & StormCAD; MATLAB

Professional Affiliations and Involvement

Chi Epsilon National Civil Engineering Honor Society - member

Society of Civil Engineers (SCE) National and Cal Poly chapter - member

Interests: Hiking, reading, kayaking, art, politics, music and architecture

Other Work Experience

Computer Sales Associate

4/2002 - 5/2006

Circuit City - Riverside, CA

- Sold computers, printers, digital cameras, digital video and other electronics
- Fast-paced work environment; constant interaction with customers, management and coworkers