

Jordan Thoennes

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Education

Bachelor of Science in Civil Engineering
University of California, Davis
Graduation Date: June 2015

GPA: 2.70
E.I.T. Certified

Related Coursework

Engineering Hydraulics, Water Resource Management, Water Quality Management, Soil Mechanics

Work Experience

Student Sustainability Assistant (December 2013-present)

UC Davis Student Housing, Davis, CA

- Assist in LEED projects by compiling spreadsheets to track utility usage, identify potential LEED buildings, and reading building plans to identify HVAC system components
- Working with a team to identify key areas to improve sustainability education in the dorms
- Applied for and received a CSSC grant to pilot a zero waste initiative

Cost-Estimating Intern (October 2013-December 2013)

Myers and Sons Construction - Sacramento, California

- Read construction plans
- Hand drew scale models of retaining walls
- Called companies for bid quotes and assembled preliminary quotes for construction projects

Projects

Sediment Transport Research Intern Assistant (October 2013 - March 2014)

Watershed Science Center – Davis, California

- Project site: Casper Creek, near Fort Bragg, CA
- Collected sediment samples
- Surveyed in sediment locations
- Measured Casper Creek's flow rate and water depths

Water Distribution Project (October 2011 – present)

Engineers Without Borders Student Chapter - UC Davis

- Located in Quincucirca, Bolivia
- Worked with a group of students to write various technical reports required by EWB-USA
- Supervised the construction of the water distribution system during the July 2013 trip
- Currently identifying water quality treatments for the community's water supply

Leadership Experience

President (September 2013-present)

Engineers Without Borders Student Chapter - UC Davis

- Collaborate with other board members and lead meetings
- Identify key areas to improve EWB-UC Davis: internal framework and member engagement
- Maintain professional relationships with other EWB chapters and outside businesses

Professional & Graduate Outreach Chair (September 2014-present)

American Water Works Association Student Chapter – UC Davis

- Id professors who are looking for research assistants and undergrads interested in research
- Set up networking opportunities between these professors and students

Skills

AutoCAD, ArcGIS, Microsoft Word, Excel, & PowerPoint, Technical Writing
FlowMaster, CulvertMaster, and StormCAD (current coursework)