

MADISON RASMUS, EIT

1100 Olive Drive, Apt. 266
Davis, CA 95616
(858) 740-0633
mprasmus@ucdavis.edu

OBJECTIVE

To obtain a people-oriented career in the civil and environmental engineering fields.

EDUCATION

Bachelor of Science in Civil Engineering, expected graduation June 2015
University of California, Davis
Current GPA: 3.58
Dean's List: Fall 2011, Winter 2012, Fall 2013, Winter 2014, Fall 2014
2011-2012 First Year Scholar award
EIT License No. 155662

Relevant Course Work: Structural Mechanics, Metallic Structure Design, Fluid Mechanics, Engineering Hydraulics, Engineering Economics, Statistics, Soil Mechanics, Groundwater System Design, Air Pollution, Thermodynamics, Transportation Systems, Construction and Project Management, Foundation Design, Ireland Study Abroad Program: Water Quality Management

SKILLS

Computer: Matlab, AutoCAD, GIS, Excel, Word, PowerPoint, ProjectLibre, BioWin
Communication: Able to speak effectively to large groups of people

EXPERIENCE

Research Assistant, Ginn Lab, UC Davis, Davis, CA (March 2014-Present)

Observes and interprets results from geotechnical experiments. Assists in interpreting data to generate plots and models for the ongoing experiments. Currently reviewing data on groundwater basins in California and conducting research to predict groundwater age and sustainability using environmental tracers and lumped parameter modeling.

Intern-Reviewer, Black & Veatch, San Diego, CA (August 2014)

Performed an editorial review and provided valuable comments on Black & Veatch's proposal for the City of San Diego's Pure Water program management services contract.

Undergraduate Admissions Advisor, UC Davis, Davis, CA (June 2013- Present)

Creates a welcoming atmosphere for guests visiting the UC Davis campus. Greets and prepares guests for their campus tours. Coordinates and organizes tour groups. Answers phone calls from prospective students regarding application and admission questions. Advises prospective students on how to become competitive applicants for UC Davis. Participated in Decision Day activities including the panel discussion for hundreds of prospective students.

Tour Guide, UC Davis, Davis, CA (October 2012- Present)

Represents UC Davis as a campus ambassador for visiting students and their families. Conducts hour and a half long tours to groups as large as thirty people. Communicates facts about the campus as well as useful information for prospective students applying to the school. Mentors new tour guides.

ACTIVITIES

Vice President, American Water Works Association, September 2013- Present
Member, Tau Beta Pi, an engineering honor society, May 2014-Present
Member, Chi Epsilon, a civil engineering honor society, December 2013-Present
Member, Society of Women Engineers, September 2011- Present
Member, UC Davis Club Volleyball, September 2011-January 2012