

AMY NAUMOVSKI

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Education

University of California Davis, Davis, California
Bachelor of Science in **Civil Engineering**, June 2015

Civil Engineering Experience

Undergraduate Research Assistant January 2015 – May 2015

University of California Davis under Professor Tim Ginn – Davis, CA

- Worked on a team of students to interpret and use USGS data on groundwater basins
- Researched and found methods to more accurately predict groundwater age
- Interpreted environmental tracer data to create groundwater age distribution models
- Applied findings to groundwater sustainability and future conservation efforts

Student Engineering Assistant October 2014-January 2015

University of California Davis Advanced Transpiration Infrastructure Research Center – Davis, CA

- Monitored multiple Heavy Vehicles Simulators (HVS)
- Adhered to laboratory and field safety protocols
- Recorded and entered data into various computer programs

Project Design Experience – UC Davis

- Designed a suspended growth biological treatment system and a side-stream reactor for the production of PHA using the principles of Green Engineering. Then a life-cycle assessment of this design was done to compare the product made from the processes to similar products.
- Designed a foundation for a proposed building. This included the design of shallow and deep foundations for bearing capacity and settlements, retaining structures, selection and evaluation of foundation alternatives, excavation support and dewatering
- Design an integrated urban drainage system, including realistic constraints, qualification of hydrologic uncertainty, codes and standards, design drawings drafting, and cost analysis.
- Designed appropriate pavements based on a given set of raw data characterizing the traffic, materials, and environment. An appropriate pavement was designed using empirical and mechanistic-empirical approaches.

Technical Skills

AutoCad, Matlab, R, ArcGIS, Microsoft Word/Excel/PowerPoint

Work Experience

Campus Recreation and Unions – University of California Davis – Davis, CA

Informal Recreation Building Supervisor April 2014-Current

How Do U Rec? Student Manager Summer 2014

Student Outreach Committee Student Lead Summer 2014

Event Staff Student Manager September 2013-June 2014

Event staff September 2012-September 2013

Private Tutoring - Rancho Cordova, CA and Davis, CA March 2008-June 2013