

Jaime Luo

Davis, CA

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Education:

University of California, Davis

Bachelor of Science Double Major: Civil Engineering and Environmental Engineering

Expected June 2019

Overall GPA: 3.55/4.00

Relevant Coursework: Water Treatment, Hydraulic Design, Hydrology, Water Quality, Aqueous Chemistry, Urban Systems Sustainability, Technical Writing for Engineering

Experience:

- Jun 2018 - Present** **Engineering Assistant**, BKF Engineers, Sacramento, CA
- Assist with land development project design on projects in the Sacramento-Bay Area region
 - Autodesk Civil3D – grading, stormwater treatment, utilities management, erosion control, general design
 - Projects include: Kaiser South Sacramento, SF Clarendon School, Davis University Mall, UC Davis Teaching Learning Center
- Mar 2018 - Jun 2018** **Undergraduate Research**, UC Davis, Davis, CA
- Performed pre-treatment water tests to filter and remove substances
 - Assisted with research creating a lightweight and inexpensive 3D-printed device for water treatment using UV disinfection
- Sep 2016 - Mar 2018** **Lab Assistant**, Air Quality Research Group, Davis, CA
- Performed Fourier Transform Infrared Spectroscopy (FTIR) analysis on aerosol particles to quantify the organic chemicals in atmospheric aerosol collected from National Parks, urban and suburban southeastern United States, and Paraguayan homes

Associations:

- Sep 2017 - Present** **Vice President** Regents Scholar Society UC Davis, Davis, CA
- Work alongside President and officer board to plan and coordinate professional and social events and manage club documentation
- Jan 2016 - Present** **Member**, Chi Epsilon Civil Engineering Society, Davis, CA
- Sep 2015 - Present** **University Honors Program**, UC Davis, Davis, CA
- Sep 2017 - Jun 2018** **Outreach Officer**, American Society of Civil Engineers, Davis, CA
- Plan volunteering and outreach opportunities for members

Skills: Strong interpersonal skills, detail-oriented, extensive team work experience, public speaking, technical writing, fluent Mandarin, basic French

Software: AutoCAD, Civil3D, FlowMaster, MATLAB, ArcGIS, Python, OS X, Windows, Adobe Photoshop, Illustrator, Google Earth Pro

Hobbies: Weightlifting, hiking, upcycling/DIY projects, cooking, hammocking, interior design, volleyball, ultimate frisbee, gymnastics