

Trevor Wu

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Education

University of California, Berkeley

B.S. Civil Engineering & EECS, GPA: 3.67

Data Structures | Engineering, the Environment, & Society | Eng. Data Analysis
Intro. to Data Science (in progress) | Linear Algebra & Diff. Eq.
Eng. Project Management (in progress) | Discrete Math & Prob. Theory (in progress)

Berkeley, CA

Expected Graduation: 2021

Experience

San Francisco Municipal Transportation Agency

Student Design Trainee, Signal Projects & Special Events

- Used AutoCAD to draft signal designs and official records
- Conducted field inspections of pull boxes and conduits
- Designed traffic signal placement and wiring at multiple intersections
- Prepared timing cards for large-scale signal retiming project

San Francisco, CA

Summer 2018

RISELab at UC Berkeley

Undergraduate Research Apprentice

- Working under PhD student K.Shankari to create intervention using E-Mission
- Obtained CITI certification and worked on IRB Proposal

Berkeley, CA

Spring 2018-Present

Projects

E157AC Community Project

Project Member

- Worked with The Watershed Project in Richmond to create educational outreach materials
- Soldered wires and designed circuits for interactive model of bioswale
- Kept track of spending and reimbursements

Berkeley/Richmond, CA

Spring 2018

New Website for Cal ITE

ite.berkeley.edu

- Created a new website for the Institute of Transportation Engineers using Wordpress

Berkeley, CA

Fall 2017

Organizations and Activities

Student Learning Center at UC Berkeley

Math Field Studies Tutor

Berkeley, CA

Spring 2018

Institute of Transportation Engineers at UC Berkeley

Webmaster

Berkeley, CA

Fall 2017- Present

Skills

Java
AutoCAD
Python

Signal Design
Excel
Powerpoint

HTML
Data Analysis
Signal Timing

IntelliJ
Matlab
LaTeX