

# Trevor Wu

trevorwu@berkeley.edu  
linkedin.com/in/trevor-wu  
510.403.5137

## Education

### University of California, Berkeley

B.S. Civil Engineering & EECS, GPA: 3.59

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

**Berkeley, CA**

Expected Graduation: 2021

## Experience

### San Francisco Municipal Transportation Agency

Student Design Trainee, Signal Projects & Special Events

- Designed traffic signal placement and wiring at multiple intersections
- Drafted traffic signal designs and updated records using AutoCAD
- Conducted field inspections of pull boxes and conduits
- Prepared materials for large-scale retiming of over 100 signals downtown

**San Francisco, CA**

Summer & Winter 2018

### RISELab at UC Berkeley

Undergraduate Research Apprentice, Greentrip

- Investigating how smartphone suggestions can influence sustainable travel
- Developed front end suggestion interface using AngularJS and HTML
- 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

**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

- Developed registration system for ITE Student Leadership Summit 2019

**Berkeley, CA**

Fall 2017- Present

## Skills

Java  
AutoCAD  
Python/NumPy

AngularJS  
Excel  
Powerpoint

HTML/CSS  
SQL  
Traffic Signal Design

Jupyter  
Matlab  
LaTeX