

# David Hong

San Francisco, CA

Seeking internship opportunities in software engineering.

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## ◆ Education

### Brown University

Computer Science // GPA: 3.8

Sept 2017 — May 2021

**Relevant Courses:** Software Engineering (CS32), Computer Systems (CS33), Logic for Systems (CS195Y), Deep Learning (CS147)

### Foothill High School — Pleasanton, California

GPA: 4.3 (W) / 3.9 (UW)

August 2013 — June 2017

Computer Science Club (VP), Student Filmmaker Association (VP), MATHCOUNTS Coach Club (VP)

## ◆ Software Engineering Experience

### Skip

Remote Software Engineer

Jan 2020 — present

Software Engineer

June 2019 — Dec 2019

- Built real-time alert dashboard for repair technicians to identify, triage, and resolve vehicle battery issues.
- Standardized and streamlined geofencing to incentivize or disincentivize riders from starting or ending trips in certain areas.
- Overhauled internal tooling for developing and testing server features.

### Map-Collective

Full-Stack Developer

Oct 2018 — May 2019

- Independently built web app displaying realistic 3D globe with map data visualizations in React, Express, PostgreSQL.

### Wynd

Intern — Backend Developer

Mar 2015 — Aug 2017

- Expanded backend to periodically scrape and parse complex air pollutant data from 6,000+ monitoring stations in 25+ countries.
- Wrote company documentation & style guideline.
- Trained and managed four other interns.

## ◆ Leadership Experience

### MATHCOUNTS Coach Club

Coach, Vice President, & Webmaster

June 2013 — May 2017

- Over 200 hours of volunteer work over 4 academic years preparing and lecturing on accelerated math curriculum.
- Experience in leadership, teaching & presenting material, collaboration, & team management.
- Designed, created, and maintained organization website.

## ◆ Skills

### Software—Proficient

TypeScript, JavaScript,  
Node.js, React,  
Java, C#,  
Git, HTML, CSS, Sass,  
Photoshop, Illustrator

### Software—Comfortable

Firebase,  
React Native,  
C, C++, Arduino,  
Python, Tensorflow,  
MySQL, PostgreSQL,  
Rust, Go,  
MATLAB, TeX

### Hardware

Circuit design, soldering,  
woodworking, metalworking,  
CAD, laser cutting,  
3D printing,  
Arduino, Raspberry Pi

### Other

Experienced in Agile,  
9-time hackathon participant,  
fast learner/adaptable,  
very attentive to detail

### Math

Linear Algebra, Statistics,  
Discrete Math, MV Calculus