

David Hong

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Seeking internship opportunities in full-stack dev, mobile dev, software dev, and data science this summer.

■ 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 Development Experience

Map-Collective

Sole Full-Stack Developer

Oct 2018 — May 2019

- Independently built and deployed web app with user authentication and realistic 3D globe in React, Express, PostgreSQL

Chips Compo

Volunteer Full-Stack Developer

Mar 2018 — June 2018

- Devised mobile interface for website, which includes activity feed, web audio player, song posts, leaderboard, comments, and user profile pages
- Iteratively improved user interface for full-stack site: TypeScript, SQL, and React

Wynd Technologies, Inc

Backend Software Developer Intern

Mar 2015 — Aug 2017 (★ 2 ½ years)

- 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 & Collaboration 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

JavaScript,
Node.js, React, MongoDB,
Java, Maven,
Git, HTML, CSS, Sass,
Photoshop, Illustrator

Software—Comfortable

C, Arduino,
Python, Tensorflow,
React Native,
SQL,
MATLAB, TeX,
Solidworks

Hardware

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

Other

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

Languages

English, Mandarin