David Hong

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I am a full-stack developer and student looking for work this summer.

■ Education

Brown University

Computer Science | GPA: 3.8   Sept 2017 — May 2021

Relevant Courses: Intro. Software Engineering (CS32), Deep Learning (CS147), Intro. Computer Systems (CS33), Discrete Math (CS22)

Foothill High School — Pleasanton, California

GPA: 4.3 (W), 3.9 (UW)   Aug 2013 — June 2017

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

■ Software Development Experience

Map-Collective

Full-Stack Developer   Oct 2018 — present

- Built site and interactivity for realistic 3D globe and visualizations of global supply chains
- Designed and implemented in React, React Router, and Express

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)

- Updated code to extract, parse, geocode, and upsert 6,000+ dynamic air pollutant data points from 25+ countries in Node.js, Express, and MongoDB
- 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	Software—Comfortable	Hardware	Other
JavaScript, Java, Git, Node.js, Express, React, HTML, CSS, Sass, Photoshop, Adobe XD	Python, Tensorflow, TypeScript, Angular, OpenGL, WebGL, React Native, SQL, MongoDB, MATLAB, TeX, Illustrator	Circuit design, soldering, woodworking, metalworking, CAD, laser cutting, 3D printing	Experienced in Agile/Scrum, 9-time hackathon participant, fast learner/adaptable, very attentive to detail

Languages
English, Japanese, Mandarin