

David Hanover

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Full Stack Web Engineer who loves JavaScript, NodeJS, web applications, and helping people.

EXPERIENCE

JavaScript Instructor Code Tenderloin Sept 2019 - Current

Code Tenderloin is a free and non-profit coding bootcamp meant for under-served Bay Area communities.

- Teach classes on JavaScript basics, software development basics, and beginning data structures.
- Provide hands on technical mentorship to students, collaboratively and individually.

Full Stack Developer California Public Utilities Commission Sept 2017 - Mar 2019

CPUC is a quasi-governmental agency that regulates California utilities.

- [FireMap](#) – Built and deployed interactive web map to visualize California fire-threat index. Optimized code for performance and analytics. Tuned color palette and menu to comply with WCAG 2.0 standards.
- Web Scraper - Wrote web scraping bot using Node.js and puppeteer that automated huge metadata collection project. Saved CPUC around \$50,000 in hourly wages for manual data collection.
- XML Builder - Wrote Node.js script that scrapes Excel spreadsheets, enabling batch uploading configuration files for a custom Google search engine. Saved CPUC around \$22,000 in hourly wages for manual data collection.
- Inventoried and documented 200+ Windows and Oracle production servers.
- Resolved user tickets for front-end bugs using Ektron CMS.

EDUCATION

San Francisco State University – Bachelor of Arts: Liberal Studies, minor: Computer Science 2015 - 2018

OPEN SOURCE PROJECTS

- [Food Oasis](#) – Winner – Best Beginner Project, Inequality Track in Duke University's HackDuke 2020: Code for Good Hackathon. Role: Fullstack/Frontend Web Engineer. Built front end in React, using Google Maps API & Firebase backend.
- [React Chat Bot](#) – React and Express based app using Google's DialogFlow natural language processing API to make API calls to the OpenWeatherMap Weather API. Deployed on [Heroku cloud](#).
- [SpaceX Flight Tracker](#) – React SPA with an Express and GraphQL back-end that calls a third-party SpaceX API to display the most current information on SpaceX missions. Deployed on [Heroku cloud](#).
- Face Recognizer ([front-end](#), [back-end](#)) – Facial recognition Application that uses Clarifai's AI facial recognition API to recognize faces in user-uploaded photos, and deploys a RESTful backend for registration, user authentication, and tracking user rankings by upload count. Deployed on [Heroku cloud](#) and built with Express, React, and PostgreSQL.
- [NytLyf](#) – Android app built in Java and JavaScript that allows users to research nearby bars/clubs/restaurants, view walking directions, call an Uber/Lyft, and rate locations.

SKILLS

JavaScript, Typescript, Node.js, React, Express, HTML, CSS, Python, Java, C++, Linux, SQL, Git, AWS, GraphQL, Databases including MongoDB, PostgreSQL, MySQL