

SAM STERNS

Full-Stack developer whose growth mindset and expertise in restorative conflict resolution inform their passion for solving people-centered problems with software solutions. I believe technology can be a tool to build equity.

EDUCATION

Alchemy Code Lab

Software Engineering Training Program
2020

Rigorous full-stack professional training focusing on clean code and collaboration. I developed on teams and solo to build server-side and client-side applications, using architectures and frameworks that promote maintainability, scalability, and collaboration.

UC Berkeley

Bachelor of Arts in Interdisciplinary Studies
Graduated Magna Cum Laude
2017

Mastered independently designed coursework focused on education, social research, human rights, & statistics to examine school discipline reform. I authored two years of original research working as a Restorative Justice Councilor in public schools where I implemented original curriculum, facilitated conflict resolution, and trained faculty. The quantitative data from my thesis informed statewide policy.

TECHNICAL SKILLS

Languages:

JavaScript
HTML/CSS

Tools:

Git/ GitHub
Kaban
Heroku
PgAdmin
Compass
Postman
Strata
AdobeXd

Practices:

TDD
Responsive Design
Pair Programming
WCAG

Frameworks:

Node.js
Express
REACT
Redux
Jest

Databases:

MongoDB

PROJECTS

Pet Pals



React.js, Redux, Sass, Socket.io, MongoDB, Mongoose, NPM, Node.js, Express, AWS S3, Jest, Superagent

- Share the responsibility of letting your dog out with a neighbor by creating a profile and searching for other pet owners near you
- Provides detailed profiles with profile pictures, real time messaging, location sharing, and suggestions of local places to meet
- 5 day sprint with a team of 5

Follow the Money



JavaScript, CSS, HTML, third party API, Chart.js, QUnit

- A mobile-first & accessibility-friendly
- Uses the Federal Elections Commission's API to make custom data visualizations of the size of contributions to presidential campaigns
- 5 day sprint with a team of 5

Covr Lettr



Backend: MongoDB, Express, Node.js, NPM, Jest

- Job specific details populate original cover letters
- Natural language processing sentiment analysis scores over a million variations of letters, and outputs the highest scoring one
- 4 day sprint with 4 teammates

PROFESSIONAL EXPERIENCE

Project Research Lead

Sustainabilist, part-time, 2017 - 2019

- Consulted closely with engineers and data scientists at the tech start-up which makes a new energy efficiency technology
- I used quantitative analysis skills to make detailed reports that synthesized market research and compiled data analytics
- Organized logistics with clients maintaining great relationships

Restorative Justice Consultant

Independent, part-time, 2016 - 2019

- I grew the self-founded consultancy from word of mouth as I facilitated groups of professionals to build community
- Confronted difficult topics including diversity, equity, & inclusion
- I coached conflict resolution techniques and mediated conflicts, all while I honed navigating high-stress situations with composure

After School Educator

Various Locations and Non-profits

- Barista by morning, school teacher by afternoon
- Space2Create STEAM education non-profit
- Taught classes focussing on science and emotional literacy

Full-Stack Software Engineer

sam.g.sterns@gmail.com

(818) 518-4467

