Anna Lin

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Skills

Languages: JavaScript/TypeScript, HTML, CSS, Python; Cantonese & Mandarin

Tools & Frameworks: Angular 9+, React, Git, Heroku, Bash, WebGL, Adobe Illustrator

Work Experience

Software Engineer Charles Schwab (Digital Accelerator)   *Nov '18 – Present*

- Collaborated with UX & engineering teams to create accessible web applications designed to improve the digital Schwab client account experience for 150,000+ users.
- Maintained a high quality of code by writing tests for the application.
- Led workshops to advocate for developers to become familiar with W3CAG accessibility coding practices.
- Worked closely with user-research & design team to iterate high-fidelity Angular prototypes, streamlining the design and development process.

Frontend Developer Stamen Design (Superdiversity Project)   *Aug '18 – Sep '18*

- Built an interactive, data visualization React web app in collaboration with Max Planck Institute to tell the narratives of immigrants migrating to urban cities.

Web Developer Farber & Co.   *May '18 – June '18*

- Developed an online learning management system to digitalize access to legal documents for lawyers and legal assistants.

Teaching Assistant UC Santa Cruz   *Dec '16 – Aug '17*

- Taught 50 middle school girls basic programming concepts, and 40 college undergrads over 6 months and 2 classes on psychological research methods & APA-style writing.

Projects

Fault-Tolerant System *(Python, Flask, Docker)* - Designed a robust, node-failure resistant key-value store system that sent, received, and maintained keys for the CS128 Distributed Systems course. Built RESTful APIs, and bash scripts for efficient testing.

text-me-smth-nice *(Python, Twilio API, PostgreSQL, Heroku)* - Built full-stack subscription texting service using Twilio's API to send texts from a library to phone numbers stored in a SQL database.

Spotify Recently Added *(React, HTML, CSS, Spotify API)* - Built a full-stack web app using Spotify's API, to make a custom playlist from a user's most recently added songs.

Education

University of California, Santa Cruz *B.A. Psychology*   *Sept '13 - Dec '17*

Awards: *Dean's Honor*
Pursued: *Computer Science Minor*
Relevant courses: *CS5J Intro to Prog Java, CS12 Intro Data Structures, CS101 Abstract Data Types, CS128 Distributed Systems, CS160 Intro Computer Graphics (WebGL)*

Yonsei University (South Korea) *Study Abroad*

Courses & activities: AI Robotics & Ethics, Startup Incubator Internship, Childcare Program Volunteer Teacher's Aide