

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

Charles Schwab (Digital Accelerator) Software Engineer

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.

Stamen Design Developer

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.

Farber & Co Developer

May '18 – June '18

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

University of California, Santa Cruz Teaching Assistant

Dec '16 – Aug '17

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

Projects

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.

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.

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