Anna Lin

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Work Experience

MITRE UX Engineer   *Feb '21 – Present*

Created data visualizations and enhanced the user experience for policy search tool to aid policy-makers in their decision-making process.

Developed user-friendly interfaces for open-source cybersecurity software used by industry professionals.

Charles Schwab (Digital Accelerator) Software Engineer   *Nov '18 – Dec '20*

Collaborated with UX & engineering teams to create accessible web applications designed to improve the digital Schwab client account experience for 150,000+ users.

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 populous cities.

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   *Sept '13 - Dec '17*

University of California, Santa Cruz *B.A. Psychology*

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 Teaching Assistant

Skills

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

Tools & Frameworks: Angular, React, Git, Heroku, Bash, d3/three.js, Adobe Illustrator