Anna Y Lin

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Skills

Languages: JavaScript/ES6, HTML5, CSS3, Python, Java, C/C++, Cantonese & Mandarin
Tools & Frameworks: Angular, React, Git, Docker, WebGL, Adobe Illustrator

Work Experience

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

× Collaborated with UX research & design, and engineering teams to create 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 team-wide workshops to advocate for developers to become familiar with W3CAG accessibility coding practices.

× Worked closely with user-research and design team to roll out high-fidelity Angular prototypes weekly, streamlining the design and development process.

Frontend Developer Stamen (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, 'super-diverse' 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.

Girls in Engineering Mentor & Psychology Instructor's Assistant UC Santa Cruz   Dec'16 – Aug '17

× Mentored 50 middle school girls aspiring to be in STEM field, teaching the girls on the importance of CS topics such as security and human-computer interaction.

× Mentored first- and second-year college students for 2 consecutive terms, on psychological research methods.

× Taught psychology students to write cohesive scientific, APA-style papers.

Projects

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

ShopLyfe (*Python, SQL, HTML, CSS, Django, AWS*) – Built full-stack web app to solve the problems users face when grocery shopping. Practiced Agile and unit-testing with team of developers on bi-weekly sprints.

Project Undertone (*React, HTML, CSS*) – Built a single-page application, using data from a shopping catalogue API, to recommend users clothing based on their skin undertone.

Education

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

Awards: *Dean's Honor*