anna y lin

UX Frontend Engineer
anna@annaylin.com

Education

Masters | Interactive Telecommunications Program, NYU Tisch — 2024

- ~ Activities: Lead Coding Lab Mentor, Graduate Assistant, ITP Fall & Spring Showcase

B.A. Psychology | University of California, Santa Cruz — 2017

- ~ Awards: Dean's Honor
- ~ Activities: Psychology Research Methods Teaching Assistant, Girls in Engineering Summer Camp Teacher

Study Abroad | Yonsei University, Seoul — 2016

- ~ Courses & activities: AI Robotics & Ethics, Tech Startup R&D Intern, After-school Program Teaching Assistant

Skills

Frontend
Javascript, Typescript, Angular, Vue, React, PHP, vis.js, D3.js, P5.js, HTML, CSS, Tailwind, Node.js, Jasmine

Backend
Python, Flask, Git, Firebase, SQL, Bash, C++, Java

Hardware
Raspberry Pi, debugging, EEG, Arduino, wireless communication & networking

Design
Illustrator, Figma

Languages
Cantonese & Mandarin

Work

Projects

Web development for the *New Economy Coalition* — 2025
WordPress, PHP, Javascript, HTML, CSS

Web development and accessibility-first design for archival project *Healing Justice Lineages | HJL* — 2024
WordPress, PHP, Javascript, HTML, CSS

React web app development for the *Superdiversity data-viz project* with the Max Planck Institute | *Stamen Design*, San Francisco — 2018
HTML, CSS, Javascript, React, D3.js

Learning Management System web development and design for legal workers | *Farber & Co.*, Oakland — 2017
WordPress, Javascript, HTML, CSS, PHP

Roles

UX Engineer | *MITRE* Boston — Feb. 2021 - May 2022
Angular, Typescript, Python, Vue, Alpine.js, Tailwind, vis.js
- ~ Full-stack web development & UX design for cybersecurity and health policymaking tools on 4 different projects.
- ~ Prototyping and full-stack development on *CALDERA*, a red-team simulation software, using Python RESTful APIs.
- ~ Full-stack development and maintenance of the *ATT&CK® Navigator*, an open-source cybersecurity database; features include the dark mode, search, and filter.

Frontend Engineer | *Charles Schwab* San Francisco — Nov. 2018 - Dec. 2020
Angular, RxJS, Typescript, Node.js, Jasmine
- ~ Led prototype design & development for user research tests.
- ~ Full-stack web development and unit-testing for client-facing web applications.
- ~ Accessibility lead for a WCAG-compatible web application used by 150,000+ clients.
- ~ Wrote *documentation* to share technical knowledge.

Code Mentor | *The Coding Lab* @ NYU, Brooklyn — Oct. 2022 - May 2024
- ~ Workshop and speaker events planning; invited 4 creative coding artists to talk at ITP.
- ~ Managed mentor schedules and taught students.
- ~ Workshop development and teaching the *Hacking with the Browser* workshop every semester.