

# 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.