

anna y lin

User Experience Frontend Engineer
anna@annaylin.com

Education

Masters | Interactive Telecommunications Program, NYU – 2024

↳ Lead Coding Lab Mentor, Graduate Assistant, ITP Fall & Spring Showcase

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

↳ Psychology Research Methods Teaching Assistant, Girls in Engineering Summer Camp Teacher

Study Abroad | Yonsei University, Seoul – 2016

↳ 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

web accessibility, illustrator, figma

languages

cantonese, mandarin

Work

Projects

Web development and accessibility-first design for archival project *Healing Justice Lineages* | *HJL* – ongoing
wordpress, php, javascript, html, css

Web development for *the Gray Area* – ongoing
wordpress, php, javascript, html, css

Web development for the *New Economy Coalition* – 2025
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 Software 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

teaching, organizing

↳ 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.