anna y lin

UX / Frontend Engineer
annaylin(@)proton.me

Education

Masters | Interactive
Telecommunications Program, NYU
↪ Lead Coding Lab Mentor, Graduate
  Assistant, ITP Fall & Spring Showcase

B.A. Psychology | University
of California, Santa Cruz
↪ Psychology Research Methods Teaching
  Assistant, Girls in Engineering Summer Camp
  Teacher, French 1 - 3, CS Distributed Systems

Study Abroad | Yonsei University, Seoul
↪ 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, basic french

Work

Projects

Web development for *After Violence Archive* | *AVP* — ongoing
  mukurtu, php, javascript, html, css

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* — 2025
  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.