

# 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, Afterschool 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

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.

UX Engineer | *MITRE* Boston — Feb. 2021 - May 2022  
angular, typescript, python, vue, alpine.js, tailwind, vis.js

- ↳ Full-stack web development & UX design on projects involving cybersecurity and government health policy.
- ↳ 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.