

# 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

rasberry 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.