

# anna y lin

User Experience Frontend Engineer

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## 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.