

# Anna Y Lin

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## Education

**New York University, Tisch School of the Arts** Masters - ITP Sept '22 - May '24

Currently pursuing a masters in creative technology at the Interactive Telecommunications Program

**University of California, Santa Cruz** B.A. Psychology Sept '13 - Dec '17

Awards: Dean's Honor

Relevant courses: CS5J Intro to Prog Java, CS12 Intro Data Structures, CS101 Abstract Data Types, CS128 Distributed Systems, CS160 Intro Computer Graphics (WebGL)

**Yonsei University (South Korea)** Study Abroad

Courses & activities: AI Robotics & Ethics, Startup Incubator Internship, Teaching Assistant

## Work Experience

**UX Engineer** MITRE Feb '21 – Jun '22

Created data visualizations and enhanced the user experience for a search tool to aid policy-makers in their decision-making process.

Designed frontend architecture for and developed user-friendly web apps for open-source cybersecurity software used by industry professionals.

**Software Engineer** Charles Schwab (Digital Accelerator) Nov '18 – Dec '20

Collaborated with UX & engineering teams to create accessible web applications designed to improve the digital Schwab client account experience for 150,000+ users.

Worked closely with user-research & design team to iterate high-fidelity Angular prototypes, streamlining the design and development process.

**Frontend Developer** Stamen Design Aug '18 – Sep '18

Built an interactive, data visualization React web app in collaboration with Max Planck Institute to tell the narratives of immigrants migrating to populous cities.

**Psychology & CS Mentor** University of California, Santa Cruz Dec '16 – Aug '17

Taught 50 middle school girls computer science concepts; taught 40 college undergraduates to use psychological research methods and APA-style writing.

## Projects

**text-me-smth-nice** (Python, Twilio API, PostgreSQL, Heroku) - Built full-stack subscription texting service using Twilio's API to send texts from a library to phone numbers stored in a SQL database.

**Fault-Tolerant System** (Python, Flask, Docker) - Designed a node-failure resistant key-value store system that sent, received, and maintained keys for the CS128 Distributed Systems course. Built RESTful APIs, and bash scripts for testing.

## Skills

Languages: JavaScript/TypeScript, HTML, CSS, Python, Flask; Cantonese & Mandarin

Tools & Frameworks: Angular, React, Git, Heroku, Bash, Firebase, SQLite, d3/three.js, Adobe Illustrator

