

Samson Zhang

they/them • Los Angeles, CA • hello@samsonzhang.com • (646) 468-4086

EDUCATION

Pomona College — B.A. Public Policy Analysis-Physics

Expected May 2025

SKILLS

Languages: fluent in Javascript, Python, HTML, CSS, PHP, and R; familiar with Rust, Go, Java, C++

Frontend: React, Next.js, React Native, Tauri, TailwindCSS, d3.js

Backend: Node.js, FastAPI, Django, SQL, MongoDB, Docker, AWS, GCP

Design: fluent in Figma, Illustrator, Photoshop

Engineering: Solidworks, LTSpice, MATLAB, LabVIEW, GCode, machine shop tools incl. CNC mill, lathe, table saw, electronics tools incl. oscilloscope, vector network analyzer, multimeter, analog circuits, RF circuits

EXPERIENCE

Frontend Engineer

Jan.-March 2022

Contrary Capital (New York, NY)

- Developed website using Next.js and TailwindCSS, including connection with a backend CMS to generate dynamic, interactive pages, for \$100 million venture capital fund

Product Intern

July-Sept. 2021

EV Connect (El Segundo, CA)

- Developed charger certification portal using NextJS and MongoDB to reduce downtime in network of 10,000+ EV chargers across the country

Fullstack Engineer

June-July 2021

Pepple.ai (Remote / Vancouver, BC)

- Developed mobile (iOS and Android) and web apps using React Native and Expo for hybrid work scheduling startup
- Conducted user interviews and analyzed user feedback to design mobile and web interfaces using Figma
- Developed backend database, API, and user authentication using PostgreSQL to run real-world MVP pilot

Software Engineer

Sept. 2020-Jan. 2021

StartupTree (Cornell, NY)

- Built new explore feed and job board using React and Material UI, interfacing with Django and Node.js backends for professional social networking platform with 300K+ users
 - Analyzed user feedback using user journey maps to identify UI/UX improvements for professional networking
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SELECTED PROJECTS

Blurryface (blurryface.szh.land)

Dec. 2023-April 2024

- Developed desktop face blurring app using Javascript and Tauri to help journalists and activists cover protests
- Deployed RetinaFace AI model running using ONNX runtime to enable on-device, offline face detection

Interview Manager (interview-manager.szh.land)

July 2023-Jan. 2024

- Developed interview transcription app using Javascript, Tauri, and Rev.ai API to use in Sacramento Bee newsroom

Postulate (postulate.us)

Jan.-June 2021

- Developed newsletter writing app using React, Node.js, and MongoDB, including a text editor with rich text, LaTeX, code, and image support, for startup I founded
- Grew to waitlist of 1,000+, selected to interview for Y Combinator for \$125k of seed funding