Daniel Wei

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Education

CORNELL UNIVERSITY – ITHACA, NY   **2021 – MAY 2025**

B.A. in Computer Science. **Minor** in UX Design. **GPA**: 3.72
Relevant Coursework: OOP, OS, DB, Hardware, Functional Programming, Discrete, Algorithms, Digital Product Design.

Experience

SHMOOD.IO (EF '24) – DESIGN ENGINEER   **DEC 2023 – PRESENT**

▸ Designing, building, scaling a full-stack product using **Next.js, Alpine.js, shadcn/ui,** and **Supabase**. Wish us luck.

INSTAPATH, INC (YC W19) – PRODUCT ENGINEER   **JUN 2022 – AUG 2023**

▸ Designed, built, and re-built the entire product frontend using **React.js, Zustand**, **Tailwind, Zod.**
▸ Created monorepo build and deployment system with **pnpm**, **Turborepo, Docker, docker-compose, nginx.**
▸ Reduced downtime by **~90%** compared to industry standard. Used in production by hospitals and clients.

YOOMI HEALTH – SENIOR SOFTWARE ENGINEER   **JUN 2022 – JAN 2023**

▸ Led a small team to develop **OpenCV**-powered **AR** physical therapy experiences in **TypeScript.**
▸ **Mark Cuban** liked it enough to give us seed money.

TECMEND, LLC – SOFTWARE ENGINEER INTERN   **MAR 2021 – SEP 2021**

▸ Built a **React Native** mobile payments app, API integrations with HubSpot and Intuit QuickBooks.

WAVELAB GLOBAL, INC – SOFTWARE ENGINEER INTERN   **JUN 2019 – JULY 2019**

▸ Developed **Java** program & custom corresponding **UDP** protocol to recover lost network devices.

Activities

DESIGN CONSULTING @ CORNELL – PROJECT MANAGER   **JAN 2024 – PRESENT**

Leading a consulting team in conducting user research, re-imagining UX flows, and delivering new designs to clients.

CORNELL DESIGN & TECH INITIATIVE – DEVELOPER LEAD   **JAN 2023 – DEC 2023**

Led all development efforts, recruitment, onboarding, deployments across **7** product offerings and **80+** members.

INFO 1998: TRENDS IN WEB DEVELOPMENT – COURSE STAFF   **JAN 2023 – DEC 2023**

Revamped course curriculum with the latest in **Node.js**, **HTML/CSS/JS.** Taught lectures to classes of **~50**. Hosted weekly office hours. Built an assignment mass autograder using the highly concurrent, functional **Effect-TS** (and **Bun**).

CORNELL DESIGN & TECH INITIATIVE – TECHNICAL PRODUCT MANAGER   **AUG 2022 – DEC 2022**

Coordinated development of ride-share system built on **Express**, **AWS DynamoDB** (agile development and all that).

Projects

HYPERDTI – CORNELL DESIGN & TECH INITIATIVE   **SPRING 2023**

Made a link shortener using **Firebase, SvelteKit** in 24 hours (to spite a competitor club). Now serves **~550 WAU**.

BOCAML – CS 3110: DATA STRUCTURES & FUNCTIONAL PROGRAMMING   **SPRING 2023**

Team lead in developing a GPT-powered multimedia Telegram bot in the beautiful, functional **OCaml**.

FASTERNET – HOOHACKS 2020 WINNER   **SPRING 2020**

Designed and developed a **Python** program that improves DNS resolution times on Windows by **2x**.