

# Nicholas Chen

(408) 204-6136 | [nichwch@gmail.com](mailto:nichwch@gmail.com)

<http://nicholaschen.io/> | <https://github.com/nichwch> | <https://projects.nicholaschen.io>

Blog: <https://blog.nicholaschen.io>

## Experience

### Guardrails AI

#### Software Engineer

April 2024 - Present

*Reworked library internals and built fullstack web apps*

- Rewrote streaming implementation in library to be faster and cheaper for LLM inference and prepared demos
- Prompt engineered hallucination validators to reduce false positive rates
- Executed redesign of main site and validator hub

### Yuzu Health

#### Contracting Software Engineer

May 2023 - April 2023

*Built dashboards to manage employee healthcare and CRM systems for updating documentation*

- Created dashboards and internal tools to view and manage healthcare claims using Sveltekit and Tailwind
- Worked with Operations team to create CRM system to easily update documentation

### Multi Technologies

#### Contracting Software Engineer

November 2022 - February 2023 (company defunct)

*Worked on product that allows users to create prompt chains for LLMs and Generative AI*

- Built first prototype of prompt chaining tool using TypeScript, React, Next.js and Firebase
- Worked with leadership to adapt product to client needs

### Meta

#### Software Engineer

April 2022 - November 2022 (mass layoffs)

*Worked with Kotlin, Java and Android to build out system interfaces*

- Built out System UX for Oculus headsets using Android and Java
- Collaborated with cross functional teams to bring the metaverse to life

## Education

- **Recurse Center** participant, Fall 1 Batch 2023  
*Worked with local first AI models and semantic search to create an electron-based journaling app that automatically surfaces connections between concepts.*
- **University of California, Davis** B.S. Computer Science 2022  
*Relevant coursework: Data Structures and Algorithms, Unix and C++, Machine-Dependent Programming, Discrete Math*

## Skills

*Proficient:* TypeScript, React, Svelte, Python, Node/Express, Git, Tailwind, PostgreSQL

*Comfortable:* Firebase, Next.js, Sveltekit, Web Workers, AWS, Prisma

*Some exposure:* Go, C++, Java, Rust

## Projects

- [exegesis](#) | A very unique text editor. [Made #1 on ProductHunt](#), over 2000 users. (React, GraphQL, Apollo Client, Express, PostgreSQL, AWS, Firebase Auth)
- [Fretboard Explorer](#) | An app to visualize scale and arpeggio shapes on top of a guitar fretboard. (Svelte, Vite, TypeScript)