Norman Qian

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PROFESSIONAL EXPERIENCE

Gauntlet AI   Brooklyn, NY
Contestant   *January 2025 – Present*
- Winners of the AI Gauntlet are hired as engineers to work for Trilogy Software starting at 200k/year

Fractal Tech   Brooklyn, NY
Software Developer   *June 2024 – December 2024*
- **Confidential Software Contract. (MVP Buildout)**
  - Client was looking for a developer to build a chat-based app as a new product offering for consumers of an existing IP. I built and delivered a working solution to spec 2 weeks ahead of schedule. Implemented **RAG** with **Hermes 3 LLM**, with **React** frontend, deployed on **Heroku**.
- **Rotabull (Aerospace Supplier Sales Platform).** Built a **Customer Response Suggester** with **Express, Prisma, Postgres, Anthropic API, Zendesk API, Readme API.** Deployed on **AWS Lambda**
  - Weekly cron job to keep responses up to date with official Rotabull support documentation
  - Responses generated through LLM prompting with support documentation and past ticket data as context
- **Bladefish.io**, online multiplayer browser game. Client built with **React Three Fiber.** Server built with **Websockets, Typescript, NodeJS,** and **Rapier.** Deployed on **Heroku.**
  - Swim around as a swordfish with WASD keys and hunt sharks by clicking on them. Dash by right clicking.
  - Clients communicate with the server though a **Websockets** connection
  - Game logic handled server side, physics handled with **Rapier**. Includes gravity, velocity, acceleration, collision, magnetism, and light.
- **Maildemo.app,** CRUD app. Built with **React Typescript, Express, Prisma, Postgres, Clerk.** Deployed on **Vercel**.
  - User Authentication, implemented with **Clerk**.
  - CRUD operations. Routing handled with **Express**. **Prisma ORM** on a **Postgres** database
  - Buttons, scrollbars, inputs, views, implemented with **React Typescript**
- **Seekhana.app**, AI web app. **NextJS, Vercel, CloudFlare, Drizzle, SQLite, GPT-4, Claude.** Deployed on **Vercel.**
  - Cache, implemented by saving images to **Cloudflare,** and LLM outputs to **SQLite** with **Drizzle ORM**
  - Sitemap, dynamically generated using **NextJS** generateSitemaps()
  - Refactored client components into server components to enable Metadata generation
- **Normanqian.com,** portfolio page. **CSS, React, Remix.** Deployed on **Github Pages.**
  - Custom polygons and animations, implemented with vanilla **CSS.**

CS50X   New York, NY
Online course   *2023*
- CS50X – 12-week Computer Science fundamentals class taught in C. Completed 10 problem sets, wrote various sorting algorithms, and built projects such as image filters and text parsers.

Swim Protocol (Crypto Startup)   Miami, FL
Operations Manager   *April 2022 - October 2022*
- Funded by **Social Capital**, **Pantera**, **Coinbase Ventures**, and **Solana Ventures**. Built cross chain defi on **Solana**

Compd (Fintech startup)   New York, NY
- Raised 200k seed funding and ran leadgen campaign using **Wordpress** and **Adwords**, averaging 200$ per phone lead

JP Morgan Securities   New York, NY
Sales and Trading Summer Analyst   *Summer 2019*

EDUCATION & OTHER EXPERIENCE

Baruch College, CUNY   *BBA Finance / Graduated with Honors, 2020*
Venture For America, Fellow   *Miami, FL*
Chess Coach (Afterschool Programs and Private Lessons)   *New York, NY*