

# Norman Qian

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normanqian.com

## PROFESSIONAL EXPERIENCE

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### Fractal Tech

Software Developer

Brooklyn, NY

June 2024 -Present

- **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()`
  - Metadata, dynamically generated using **NextJS** `generateMetadata()`
  - Refactored client components into server components to enable Metadata generation
- **Bubblepop.app**, browser game. Built with **React Three Fiber**, **ThreeJS**, and **Rapier**. Deployed on **Vercel**.
  - Player object, controlled by WASD keys and Space Bar.
  - Enemy object, a **ThreeJS** sphere. Plays death animation and spawns coins on collision.
  - Terrain, a **ThreeJS** plane with randomly generated height transformations.
  - Physics, implemented with **Rapier**. Includes gravity, velocity, acceleration, collision, magnetism, and light.
- **Maidemo.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**
- **Normanqian.com**, portfolio page. **CSS**, **React**, **Remix**. Deployed on **Github Pages**.
  - Custom polygons and animations, implemented with vanilla **CSS**.

### CS50X

Online course

New York, NY

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.

### Chess Coach

Afterschool Programs and Private Lessons

New York, NY

2023

- Increased online chess elo rating from 400 to 1850 in one year (>99<sup>th</sup> percentile)
- Taught afterschool chess to classes of 20 kids at 5 different elementary schools in Brooklyn
- Operated 10 minute chess tables at Washington Square Park, averaging 10 games a day with a > 90% win rate.

### Swim Protocol (Crypto Startup)

Operations Manager

Miami, FL

April 2022 - October 2022

- Funded by Social Capital, Pantera, Coinbase Ventures, and Solana Ventures. Built cross chain defi on Solana
- Direct report to COO, talked to lawyers and accountants to figure out how to create a US operating entity in order to move employees and payroll from a PEO provider to in house, reducing overhead by 10%

### Compd (Fintech startup)

Digital Marketer

New York, NY

September 2019-March 2020

- Raised 200k seed funding and ran leadgen campaign using Wordpress and Adwords, averaging 200\$ per phone lead

### JP Morgan Securities

Sales and Trading Summer Analyst

New York, NY

Summer 2019

- > 1% acceptance rate, sole intern from Baruch College

## EDUCATION & OTHER EXPERIENCE

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Baruch College, CUNY

BBA Finance / Graduated with Honors, 2020

Venture For America, Fellow

Miami, FL