

Freeman Jiang

Full Stack Web Developer

✉ freeman.jiang.ca@gmail.com

☎ +1 613 879 4088

📍 Waterloo, Ontario

🌐 Website

🐙 GitHub

in LinkedIn

EDUCATION

University of Waterloo

Sep 2021 - Apr 2026

Bachelor of Computer Science (Co-op), Term Dean's Honours List

GPA: 3.94/4.00

SKILLS

Programming Languages: TypeScript/JavaScript, HTML, CSS, Solidity, C, Racket, Bash
Libraries & Frameworks: React, Next.js, Chakra UI, Express, Redux, Ethers.js, Bootstrap
Technologies: GraphQL, Node.js, MongoDB, Firebase, Hardhat, Docker, Git

EXPERIENCE

Agora Labs | Founding Software Engineer

Jan 2022 - Present

- Creating a membership platform for web3 creators to reward and engage their tokenized communities
- Leading the engineering team to build product using TypeScript, Next.js, Express, and MongoDB
- Raised \$60K from the DESO Octane Fund and Z-Fellows to support growth/development

Seeko (NEXT36) | Frontend Developer

Nov 2021 - Present

- Thrived in a fast-paced, pre-seed startup environment, learning new tools and filling different roles
- Owned user onboarding, login, and landing page development, worked with designer to revamp UI
- Created responsive, modular React components with Redux & interfaced with server using GraphQL
- Initiated the transition towards a Next.js frontend structure, projected to reduce load times by 60%

UW Entrepreneurship Society | Full Stack Developer

Sep 2021 - Dec 2021

- Built out the UI + API for a hiring portal connecting local clubs and startups with Waterloo students
- Created an algorithm to aggregate role postings and process form data in Express.js with Mongoose
- Collaborated with a team of 4 using Git & Docker, mentored by tech lead on good coding practices

Google | Computer Science Summer Institute (CSSI)  petlify  firenotes

Jul 2021 - Aug 2021

- Completed a 4-week, intensive computer science summer program for high-achieving students
- Built and presented 15 daily projects in a JavaScript & Firebase curriculum taught by Google engineers
- Developed a "Tinder for Pets" web app using the Petfinder API, token authentication, and Bulma
- Utilized Firebase to authenticate users and save preferences & matches in a real-time database
- Created a note-taking app with CRUD operations and separate workspaces for different users

PROJECTS

SuperX | ETHDenver  ethdenver

- Built a dApp to create and manage recurring crypto payments in sandboxed proxy wallets
- Created UI with TS React, coded smart contract in Solidity, and deployed to the Polygon network
- Won a \$3,500 bounty for Best Project Built on Superfluid and Opolis at ETHDenver 2022

EthRPS | Personal Project  eth-rps

- Designed, tested, and deployed a decentralized RPS betting game to the Ethereum blockchain
- Implemented a cryptographically secure commitment & verification protocol to prevent cheating
- Developed the application and smart contract from scratch using Next.js, Solidity, and Hardhat

Nom | Hack the North  hack-the-north-2021

- Created a web app to reduce food waste by searching for recipes with the user's current ingredients
- Learned Next.js and deployed a serverless project with React & Chakra UI in under 16 hours