Freeman Jiang
Full Stack Web Developer

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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, C, Solidity, Racket, Bash
Libraries & Frameworks: React, Next.js, Chakra UI, Express, Redux, Ethers.js
Technologies: GraphQL, Prisma, PostgreSQL, MongoDB, Firebase, Docker, Git

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EXPERIENCE

Agora Labs | Co-Founder   *Jan 2022 - Present*
- Building the infrastructure for web3 creators to reward and engage their tokenized communities
- Leading the engineering team to build product from scratch with TypeScript, Next.js, and GraphQL
- Raised $165K from Soma Capital, Front Row Ventures, and the DESO Octane Fund to support growth

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

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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