

# Freeman Jiang

## Full Stack Web Developer

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📍 Waterloo, Ontario

🌐 Website

🐙 GitHub

in LinkedIn

### EDUCATION

**University of Waterloo**

Bachelor of Computer Science & Business Administration (Co-op)

**Sep 2021 - Apr 2026**

Waterloo, ON

### SKILLS

**Programming Languages:**

JavaScript, HTML, CSS, Bash, Racket, Python

**Libraries & Platforms:**

React, Node, Express, Next.js, Bootstrap, Chakra UI

**Technologies:**

Firebase, MongoDB, Git, GitHub, Heroku, Vercel

### EXPERIENCE

**UW Entrepreneurship Society** | Full Stack Developer

Sep 2021 - Present | Waterloo, ON

- Building a hiring portal to connect local clubs, startups, and non-profits with Waterloo students
- Currently modernizing the website UI and working with a team of 4 to develop, test, & ship clean code

⚙ **Technologies:** JavaScript, Next.js, React, Node, Express, MongoDB, Heroku, Git, GitHub

**Google** | Computer Science Summer Institute (CSSI) 🐙 *petlify* 🐙 *firenotes* Jul 2021 - Aug 2021 | Remote

- 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
- Co-developed a full stack “Tinder for Pets” web app using the Petfinder API and token authentication
- Utilized Firebase to authenticate users and store, update, and delete user data in a real-time database
- Created a note-taking app with CRUD operations and separate workspaces for different users

⚙ **Technologies:** Firebase (Real-Time Database, Authentication, Hosting), OAuth 2.0, Git, Bulma, HTML, CSS, JS

**Towards Data Science** | Freelance Writer

Nov 2019 - Jun 2021 | Remote

- Wrote introductory, educational articles on data science topics like computer vision and GANs
- Collaborated with editors to produce content reaching 19K+ viewers on Medium

### PROJECTS

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

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

⚙ **Technologies:** JavaScript, Next.js, React, Chakra UI, CSS, Spoonacular API, Vercel

**Full Stack Phonebook** | Full Stack Open 🐙 *FSO-part-3*

- Programmed a REST API with Node & Express for a frontend built using modular React components
- Connected the application to MongoDB and optimized the deployment pipeline with npm scripts

⚙ **Technologies:** JavaScript, React, Node, Express, MongoDB, Mongoose, ESLint, Heroku, Git, GitHub

**Colonel By DECA Website** | School Project 🐙 *cb-deca*

- Developed a fully responsive website from scratch with animations, slideshows, and testimonials
- Increased club sign-up rate by 15% over projected loss due to COVID-19

⚙ **Technologies:** Bootstrap 4, HTML, CSS, JS

### ACTIVITIES

**DECA Club** | Entrepreneurship Cluster Head

Sep 2019 - Jun 2021 | Ottawa, ON

- Led six students to 12 conference awards through weekly meetings, seminars, and coaching sessions
- Represented Ontario in international case competitions as a 2x DECA Provincial Champion