

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, Ontario

University of Helsinki (MOOC)

Full Stack Open: Deep Dive Into Modern Web Development

Jul 2021 - Oct 2021

Remote

SKILLS

Programming Languages:

JavaScript, HTML, CSS, Bash, Python

Libraries & Platforms:

React, Node, Express, Bootstrap, Bulma

Technologies:

Firebase, MongoDB, Heroku, Git, GitHub

PROFESSIONAL EXPERIENCE

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 web app to browse for pets using the [Petfinder API](#) via token authentication
- Provided sign in/log out options and stored user data (preferences, liked pets) in Firebase
- Created a note-taking app with CRUD database operations and user authentication in Firebase

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

Cellular Agriculture Canada | Marketing Intern

[Jul 2020 - Aug 2020 | Remote](#)

- Produced content in direct cooperation with C-level executives at Because Animals and Future Fields
- Wrote educational articles totalling 3K views and successfully pitched the creation of an online blog

PROJECTS

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

- Built a REST API for a phonebook with persistent storage and CRUD capabilities in MongoDB
- Connected React UI with Express server and optimized Heroku deployment pipeline with npm scripts
- Part of an online course on modern web development with JavaScript, React, Node, and MongoDB
- The course also covers testing, configuration, environment management, and TypeScript

⚙️ **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

Colonel By 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 competitions as a 2x *DECA Provincial Champion* (20 of 1,000)

Colonel By Concert Band | Section Leader

[Sep 2018 - Jun 2021 | Ottawa, ON](#)

- Headed and organized weekly practice sessions, performed at the National Arts Centre
- Conferred the *Leadership and Dedication Award* for outstanding commitment to the band