

Cal Trainor

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[GitHub](#)

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EXPERIENCE

- **CANImmunize** Remote / Ottawa, CA
Full-Stack Engineer *Jan 2022 – May 2022*
 - Was the main front-end developer for a web application that allows citizens to access their proof of COVID vaccine (PVC).
 - Utilized Terraform to deploy the prod environment infrastructure for the PVC web app.
 - Designed and implemented frontend and backend of administrative system that supported auditing of PVC requests.
- **Sculpin QA** Charlottetown, PE
Junior Programmer *May 2021 – Dec 2021*
 - Improved company documentation website by adding search functionality via Elasticsearch. Along with other optimizations, this enabled the company to officially start using the site instead of Google docs for all documentation. Over the course of two weeks the site went from hosting under 20 documents to over 90.
 - Optimized server calls for company documentation website to make loading times in some scenarios up to 3x faster.
 - Utilized TypeScript to create a custom VSCode extension that made it much easier to edit/add new technical documentation.
 - Used Vue.js, Node.js, PostgreSQL, and Fastify, to fully assemble an online NFT marketplace.
- **Let's Nurture** Charlottetown, PE
User Interface Designer *May 2020 - Aug 2020*
 - Utilized Adobe XD to design wireframes for over 20 client applications.
 - Worked with clients to refine and adjust their vision for their mobile app/website.

EDUCATION

- **University of Prince Edward Island** Charlottetown, PE
Bachelor of Science, Major in Computer Science; GPA: 4.2 *Sep 2018 – April 2022*
 - **Honors:** 2018-19, 2019-20, 2020-21
 - **Awards:** 2020 BMO Undergraduate Scholarship

PROJECTS

- **Library Project** ([GitHub repo](#)): Open-source project commissioned by the UPEI Library and intended to be used by libraries across the country. The goal is to create a website that allows libraries to search through packages of electronic journals that they subscribe to. I'm the project lead.
- **CMT Stats** ([GitHub repo](#)): MEVN stack app that utilizes the NHL API to compute and display my custom fantasy hockey stats. Hosted on an AWS EC2 instance.
- **Discord Bot** ([GitHub repo](#)): Custom Discord bot built with Node.js that is used to play music, boost server activity, and welcome new members. Hosted on my Raspberry Pi.
- **Personal Site** ([GitHub repo](#)): Personal website built with HTML, CSS, and JavaScript. Hosted on Netlify.

SKILLS

JavaScript
Ubuntu

Node.js
MongoDB

React
AWS

TypeScript
Git

PostgreSQL
PHP

Vue.js
SQLite