

Cal Trainor

caltrainor.com

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[GitHub](#)

EDUCATION

• University of Prince Edward Island

Bachelor of Science, Major in Computer Science; GPA: 4.2

- **Honors:** 2018-19, 2019-20, 2020-21
- **Awards:** 2020 BMO Undergraduate Scholarship

Charlottetown, PE

Sep 2018 – May 2022

EXPERIENCE

• Sculpin QA

Junior Programmer

Charlottetown, PE

May 2021 - Present

- Improved company documentation website by adding search functionality with 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 company 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.
- With the help of a senior programmer, I used Vue.js, Node.js, PostgreSQL, and Fastify, to fully assemble an online marketplace.

• UPEI

Tutor & Lab Assistant

Charlottetown, PE

Sep 2020 - Dec 2020

- Hosted virtual tutoring sessions to assist first-year students with their computer science courses.
- Assisted Professors in computer science labs by answering students' questions.

• Let's Nurture

User Interface Designer

Charlottetown, PE

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.

PROJECTS

- **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 plain JavaScript. Hosted on Netlify.

SKILLS

JavaScript
MongoDB
Linux

Node.js
PostgreSQL
Git

Vue.js
AWS
Express