

Michael DeMarco



Github:// [michaelfromyeg](#) | LinkedIn:// [michaelfromyeg](#) | [:// michaeldemar.co](#)

T: (780) 680-9634 | E: michaelfromyeg@gmail.com

EDUCATION

The University of British Columbia (UBC)

Vancouver, BC
B.Sc. Computer Science
Graduating May 2023
GPA: 4.33 (93%)

SKILLS

TypeScript • Python • Java
Node • React • Redux
Azure • AWS • Docker
SQL • NoSQL • Git
Jira • Agile • Writing
Learning: Golang, WASM

ACTIVITIES

nwPlus (Hackathon)
External Tools Developer

Science Undergrad Society

Elections Administrator

Phi Gamma Delta (FIJI)
Scholarship Chairman

weNote ([Homepage](#))
Co-Founder

AWARDS

Science Scholar/Dean's
Honour List

May 2020

UBC Djavod Mowafaghian
Presidential Scholar

Sep 2019

Loran Finalist

Jan 2019

EXPERIENCE

Software Engineer Intern, Artesian Software (IoT start-up in Calgary, AB)

Calgary, Alberta—Feb 2020 to present || [Site](#) || [Project](#)

- Implemented **Node** microservices to process customer transactions via the Stripe API, manage survey data, and interface with **PostgreSQL** database.
- Created, styled, and tested numerous **React** components and **Sass** and **Jest**.
- Developed and deployed COVID-19 related app from scratch in 3 months which attracted early investment from Reno Chamber of Commerce, among others.

Undergraduate Teaching Assistant, The University of British Columbia (UBC)

Vancouver, British Columbia—Jan 2020 to present

- Taught three unique courses to date using Python, R, and Racket, respectively.
- Received median score of 4.9 out of 5 on student evaluations from 2019W2.
- Conducted labs, course readings, and communicated student needs to professor.
- Mentored project group of 15 students in 2020S, guiding them from start to end.

Registrar and CTO, SUNIA (model United Nations summer camp)

Edmonton, Alberta—Jan 2017 to present || [Site](#) || [GitHub](#)

- Utilized **TypeScript**, **Python**, and Google Sheets backend to create novel system for contacting and sorting 150+ registrants, saving 20+ hours of work annually.
- Delivered educational content related to international affairs and the UN's sustainable development goals.

PROJECTS

VS Code Puzzles, Developer (MSFT VS Code Hackathon, Best Use of External API)

Edmonton, Alberta—June 2020 || [Site](#) || [GitHub](#)

- Built VS Code extension in **TypeScript** to fetch interview-style coding problems daily and display them directly in your editor in your preferred coding language.
- Project earned 'Best Use of External API' award and has 19 installs to date.

Volunteer Tracker Web App, Backend Developer (Code the Change)

Vancouver, British Columbia—April 2020 || [GitHub](#)

- Developed app for local non-profit to manage network of 1000+ volunteers.
- Conducted full-stack development using **React**, **Node**, **Azure**, and **MSSQL**.
- Project received excellent feedback from client and will be adopted in fall 2020.

RapViz, Full Stack Developer (Caltech's Hackathon Finalist)

Pasadena, California—Mar 2020 || [Site](#) || [GitHub](#) || [Blog](#)

- Developed web application to visualize rhyme schemes in song lyrics.
- Implemented **React** frontend, rhyme analysis algorithm, **Flask** RESTful API, and Spotify API integration within 36 hours. Deployed project on **GCP**.