

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 (UBC 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 Djava 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 **Racket**, **Python**, and **R**, respectively.
- Received median score of 4.9 out of 5 on student evaluations from 2019W2.
- Led labs, curated course readings, and relayed 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 program)

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 to present || [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—August 2019 to 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](#)

- 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**.