

Michael DeMarco

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EDUCATION

The University of British Columbia,

Vancouver BC
B.Sc. Candidate for
Computer Science and
Mathematics
May 2023
89.2% (Dec 2019)

McNally High School,

Edmonton AB
International
Baccalaureate
Diploma, 41/45
Alberta Education
Diploma, 98%

SKILLS

Java • Python • JavaScript
Flask • Node.js • React.js
mySQL • Agile • Git

AWARDS

- UBC Djava
Mowafaghian
Presidential Scholar
Sep 2019
- Class Valedictorian
May 2019
- TD Award of Merit
Mar 2019
- ATB Loran Finalist
Jan 2019

CONTACT

6363 Agronomy Road
Vancouver, BC
V6T 1Z4

EXPERIENCE

Backend Developer, Code the Change Foundation

Vancouver, British Columbia — Aug 2019 to present || [GitHub](#) || [Site](#)
• With team of six, building web application to allow local nonprofit to track and coordinate network of over 1000+ volunteers.
• Gained familiarity with Agile work environment. Assisted with creation of frontend and currently building API for site. (*Node.js, React.js*)

Registrar, SUNIA (model United Nations summer camp)

Edmonton, Alberta — Jan 2017 to present || [GitHub](#) || [Site](#)
• Utilized Google Apps Script (JavaScript) and Python to create system for contacting and sorting 150+ registrants, saving 100+ hours of work. Created extensive documentation to ensure maintainability.
• Delivered educational content related to international affairs and the UN's sustainable development goals. (*JS, Python*)

Program Coordinator, Metro Continuing Education

Edmonton, Alberta — July 2017 to July 2019
• Ran week-long camps teaching children aged 8 to 11 programming basics through a Unity library. Demonstrated effective communication skills and gained working proficiency of C#. (*C#, Unity*)

PROJECTS

Massive Volunteering Site, Full Stack Developer

Edmonton, Alberta — Jan 2018 to Aug 2019 || [GitHub](#)
• Project built for a high school club to showcase volunteer experiences. Conducted full-stack development for site which earned \$500 grant and is set to launch in 2020. (*Python, Flask, mySQL*)

Student Gradebook, Backend Developer (Hacked 2019)

Edmonton, Alberta — Jan 2018 || [GitHub](#)
• As part of a team of three, built the back-end of CRUD-capable spreadsheet-style app to allow students to track grades.
• Software used by peers to improve academic performance. (*Java*)

ACTIVITIES

Canadian Student Leadership Conference, Executive Director

Edmonton, Alberta — Dec 2016 to Oct 2018
• Developed 5-day program for 750+ student-leaders.
• Booked workshops and keynotes to create empowering experience.