

# EMRY MCGILL

emrymcgill@gmail.com ♦ 250.231.4202

## EDUCATION

---

### McGill University, Montreal

Sept 2021 - Present

*B.S. in Computer Science*

Currently in my second year of university, studying computer science. GPA: 3.46

## WORK AND VOLUNTEER EXPERIENCE

---

### Columbia Basin Broadband Corporation

May 2022 - August 2022

*Summer Student Business/Systems Analyst*

*Castlegar, BC*

Assisted the broadband team with administrative tasks. Automated tasks, Processed invoices, worked in GIS software to create interactive maps of the broadband network, and composed business emails.

### Greater Trail Community Restorative Justice Program Society

January 2020 - June 2020

*Web Design (volunteer)*

*Trail, BC*

Planned and created site design and navigation. Worked in collaboration with the society's board, including members from the community, RCMP, and local government officials. Incorporated necessary edits and accommodated technical concerns.

### Roseland Public Library

February 2019 - May 2019

*Youth Tech Clerk*

*Roseland, BC*

Assisted and mentored patrons with their technological issues. Repaired computers and setting up e-readers. Listened to concerns and answered questions.

### JL Crowe Secondary and Selkirk College

February 2019 - May 2019

*Registration Specialist*

*Trail, BC*

Developed a registration platform for a Youth Empowerment Summit that allowed over 1000 students from 17 schools and three districts to register on two different days for various workshops.

## SKILLS

---

Strong interpersonal communication and leadership skills, analytical mindset, ability to prioritize and manage multiple projects, and work effectively independently and in team environments.

### Computer Languages

Python, Java, Bash, C, JS, Assembly, Ocaml

### Platforms

ReactJS, React Native, Docker

### Tools

Vim, Emacs, Unix/Linux

## PROJECTS

---

**Self Hosting:** Used Docker and a linux server to host Nextcloud, and a static website with Nginx web server by writing .yaml and Docker files.

**Mobile Development:** Developed multiple mobile games written in C# for android devices available on the Google Play store.

**Robotics:** Designed and programmed a walking biped robot powered by an Arduino microprocessor, and programmed in C++.

**Text Generation:** Wrote a Python program using a Markov model to generate pseudo-random text styled based on a simple input text.

## AWARDS

---

- Pisapio Undergraduate Scholarship, 2022
- Best in the West Entrance Scholarship, McGill University, 2021
- BC Achievement Scholarship, BC Ministry of Education, 2021
- Youth Community Service Award, Columbia Basin Trust, 2021
- McKay Family Academic Scholarship, 2021