

# EMRY MCGILL

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## EDUCATION

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### McGill University, Montreal

Sept 2021 - Present

*B.S. in Computer Science*

I am currently wrapping up my third year pursuing a Computer Science degree at McGill University while also taking part in a one-semester study abroad program in New Zealand. GPA: 3.52

## WORK AND VOLUNTEER EXPERIENCE

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### Columbia Basin Broadband Corporation

May 2022 - August 2022

*Summer Student Business/Systems Analyst*

*Castlegar, BC*

Enhanced efficiency within the broadband team by analyzing workflows and automating tasks. Utilized Microsoft Power Automate to streamline invoice processing, identify invoice types, organize them accurately, and notify the relevant approver via email.

### Greater Trail Community Restorative Justice Program Society

January 2020 - June 2020

*Web Design (volunteer)*

*Trail, BC*

Planned and created website design and navigation. Worked in collaboration with the society's board and incorporated necessary edits and accommodated technical concerns.

### Rossland Public Library

February 2019 - May 2019

*Youth Tech Coordinator*

*Rossland, BC*

Assisted and mentored patrons with their technological issues, such as repairing 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*

Used Google App Scripts and Google forums to develop 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.

### Teck Resources

May 2023 - August 2023

*Zinc Electrolytic, Cathode Utility*

*Trail, BC*

Contributed to a small team in zinc electrolytic operations. Managed cathode maintenance, operated forklifts, cranes, and hoists proficiently, and seamlessly stepping in to cover other operator responsibilities as required, always with a strong commitment to ensuring a safe working environment for myself and my team.

## SKILLS

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

### Programming Languages

C, Java, JS, Bash, Python

### Other

React, Node.js, Docker, Unix/Linux

## PROJECTS

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**Web Development:** Created and implemented a portfolio website using React to showcase my experiences while advancing my front-end development expertise.

**Cloud Computing:** Built a full stack Todo Web App with the MERN stack. I then configured Docker images of the app and self hosted it on my home server.

**Low Level Programming:** For an OS course, I developed a simple file system in C, deepening my understanding of memory management, including disk space and memory allocation techniques.

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