

Russell Corbett

Computer Engineering Student

📞 (709) 746-6644

@ rjcorbett@mun.ca

🌐 www.russellcorbett.ca

🌐 www.linkedin.com/in/russell-corbett/

📍 St. John's, Newfoundland

EDUCATION

Bachelor of Engineering Co-op Program

Memorial University of Newfoundland

📅 09/2021 - Present

- Academic Term V - Expected Graduation: 2026

EXTRACURRICULARS

Chief Operating Officer

Eastern Edge Robotics

📅 09/2021 - Present

🌐 <https://www.easternedgerobotics.com>

- Part of the team designing and building a competitive underwater ROV
- Operations lead for a team of 25 multidisciplinary undergraduate students tasked with meeting competition deadlines in an efficient and timely manner
- Managing project milestones to ensure schedule is met
- Programming and developing brushless motor thrusters, servos, lighting rigs, network communications, microcontrollers, etc
- Creating a functional GUI used to control, diagnose errors, and deploy AI and autonomous mission tasks to manage and maintain the vehicle
- Team placed 1st in Engineering Presentation at the 2022 and 2023 MATE ROV World Championship as well as 3rd overall in 2022

Software and Administration

Paradigm Engineering

📅 09/2022 - Present

🌐 <https://munparadigm.com>

- Developing PID autonomous control systems using LIDAR, electric motors, and servos for student led self-driving car competition
- Creating offsite VMs for software testing environments, increasing production speeds and encouraging team collaboration
- Competed at the International F1Tenth Competition in San Antonio, Texas

Director of Communications

Memorial University Engineering Society A

📅 05/2023 - Present

🌐 <https://munengineeringsociety.ca>

- Creating and managing the Engineering Society website in Next.js, React, and Tailwind to keep students informed about upcoming events and provide important academic information for their studies and work placements

Tech Lead

MUN Relay for Life

📅 10/2022 - Present

🌐 <https://www.relayforlife.ca/mun>

- Organized fundraiser, successfully completing goal of \$95,000 raised
- Managed communications between team executive
- Ensured error free delivery of AV solutions

SKILLS

Python

C++

Cloud Computing

Networking

Communications

Team Leadership

Organization

Project Management

Web Development

Smart Home

AWARDS

Verafin Computer Engineering Scholarship

\$3000 - November 2022

MUN Alumni Entrance Scholarship

\$5000 yearly (renewable) - 2021-2023

Loran Semi-Finalist and Provincial Award

City of Mount Pearl Youth in S.T.E.M. Award

EXPERIENCE

Project Engineering Student

Angler Solutions Ltd.

📅 09/2023 - 12/2023 📍 Holyrood, NL

- Scrum master (PM) for agile software development of a proprietary energy system, optimization model
- Efficiently managed and streamlined collaboration of scope, budget and scheduling at the Econext CWD project
- Headed CWD stakeholder engagement (10 companies), aligning tech providers with The Launch's resources, ensuring corporate goals matched program objectives

System Analyst

Bell Canada Enterprises

📅 01/2023 - 04/2023 📍 Mount Pearl, NL

- Automated data analysis tasks using Python to reduce the required effort time by up to 99.7%
- Implemented new processes to design and deploy automations in the workplace reducing work hours and cost
- Member of the company-wide Microsoft 365 and SharePoint Migration team
- Documented and analyzed data using Microsoft Word and Excel to isolate and flag errors

Engineering Co-op Intern

Avalon Controls Ltd.

📅 06/2022 - 08/2022 📍 Mount Pearl, NL

- Increased online network data transmission speeds by 10,000% via upgrading infrastructure
- Led Digitization Initiative to modernize the IT systems of the company
- Developed PLC ladder logic systems for a basic lighting application
- Repaired and upgraded HMI systems
- Researched and acquired equipment for effective electrical panel selection

VOLUNTEERING

Robotics Mentor

O'Donel Senior High School

📅 09/2021 - Present 📍 Mount Pearl, NL