Russell Corbett

Computer Engineering Student

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📍 St. John's, Newfoundland

EDUCATION

Bachelor of Engineering Co-op Program

Memorial University of Newfoundland

📅 09/2021 - Present

- Academic Term IV - Expected Graduation: 2026

EXTRACURRICULARS

Chief Technical Officer - Software

Eastern Edge Robotics

📅 09/2021 - Present

🔗 www.easternedgerobotics.com

- Programming and developing brushless motor thrusters, servos, lighting rigs, network communications, microcontrollers, etc.
- Creating functional GUI to manage and maintain underwater ROV. Used to control, diagnose errors, and deploy AI and autonomous mission tasks
- Managing a team of 12 to complete deliverables in an efficient and timely manner to meet competition deadlines
- Organizing project milestones to complete required tasks ahead of schedule by optimizing use of teams skills and specialities
- Designing and building an ROV to complete underwater tasks such as object manipulation and recognition as a multidisciplinary team
- Placed 1st in Engineering Presentation and 3rd Overall at the 2022 MATE ROV International Competition in Long Beach, California

Software and Administration

FMUNTENTH

📅 09/2022 - Present

🔗 www.fmuntenth.com

- Developing PID and 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

Tech Lead

MUN Relay for Life

📅 10/2022 - 04/2023

🔗 www.relayforlife.ca/mun

- Managed audio and communications during the event

SKILLS

Python	C++	Cloud Computing	Networking

Communications	Team Leadership	Organization

Project Management	Web Development	Smart Home

Time Management	Inquisitive	Persistent	Logical

EXPERIENCE

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
- Assisted in the company-wide Microsoft 365 and SharePoint Migration
- Documented and analyzed data using Microsoft Word and Excel

Engineering Co-op Intern

Avalon Controls Ltd.

📅 06/2022 - 08/2022 📍 Mount Pearl, NL

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

High School Summer Intern

Celtx

📅 07/2021 - 08/2021 📍 St. John's, NL

- Programmed digital autonomous robotic systems in collaboration with TechNL
- Supplied valuable education market insights on potential clients for effective follow-up by the company

AWARDS

🖥️ **Verafin Computer Engineering Scholarship**

🎓 **MUN Alumni Entrance Scholarship**

💬 **Loran Semi-Finalist and Provincial Award**

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

VOLUNTEERING

Robotics Mentor

O'Donel Senior High School

📅 09/2021 - Present 📍 Mount Pearl, NL