
Professional Summary

- A **dedicated** and **curious** programmer with experience in competitive robotics at the international level.
- A strong **communicator** that fulfilled the role of **captain and mentor** in both competitive and recreational robotics and programming.
- A **hard worker** that thrives in high stress work environments.

Work Experience

07/17

Robotics and Computer Programming Mentor/St. Clair Catholic District School Board

- Provided a curriculum spanning three weeks that covered robotics, motion planning, and fundamental programming techniques. Planned with high **creativity**, to ensure student engagement and STEM inspiration.
- Maintained a safe learning environment and ensured the wellbeing of students, through care and communication to maximize student learning.

07/15 – 06/17

Team Member/Tim Hortons, Forest

- Provided **outstanding** and **quick** customer service by utilizing fast and **courteous** communication skills to maintain steady service and increase customer satisfaction.
- Maintained inventory of front counter, baking station, food station, and drive thru, through mastery of **multitasking** and **attention to detail**, to enable prepared service for rushes with over 100+ customers throughout the restaurant.
- Consistently cleaned all areas of the building, using thorough care to ensure a higher quality of customer wellbeing.

Education

Candidate for Bachelor of Computer Engineering at University of Waterloo, Term 1A

St. Patrick's Catholic High School – Graduate

Four years of combined programming experience in Python, C/C++, and LabVIEW.

Classes focused on user interfacing and automation.

Two years of experience in robot electrical design and Arduino/FPGA system setup.

Activities/Accomplishments

- **Captain** and **head programmer** of **FIRST robotics team 5039**, Irish Iron. Competed on team for 3 years, and competed at the **FIRST World Championships**. Aided in the **robot design, programming**, as well as teaching younger students robotics concepts.
- Competed in the **Fermat and Euclid Mathematics competitions**. Received the highest score in high school, as well as distinction in Fermat for scoring in the **top 25% worldwide**.
- Received several public speaking awards from the **Royal Canadian Legion** (Forest Branch)
- Received the **William Dinyer Memorial award** for outstanding achievement in the math, science, and tech field.
- Has self-taught multiple programming languages to improve learning capabilities.