

Technical Skillset

- C++
- Java
- SolidWorks
- Microsoft Office Suite
- C
- Python
- AutoCAD
- Machine Shop trained

Experience

Waterloo Rocketry – University of Waterloo

September 2025 – Current

- Collaborated with other team members on the software and controls subsystems, ensuring deliverables were completed in a properly and within deadlines.
- Designed, integrated, modeled in CAD, and machined parts for a camera mount system providing three critical views of the rockets exterior.
- Developed and integrated a message serialization library in python
- Attended over 15 hours of team lead tutorial sessions covering 2D and 3D CAD design, PCB design, Embedded Systems programming, and Team software, gaining skills to be able to take on projects directly after joining.

Watbotics – University of Waterloo

October 2025 – Current

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Inclusion Camp Counsellor – City of Oshawa

March 2023 – January 2026

- Individually provided personal care for over 30 children with special needs, handling medical, feeding, and other personal protocols,
- Collaborated with other staff and families to provide the best possible standard of care for over all participants,
- Individually provided personal care for child with special needs, handling medical, feeding, and other personal protocols
- Buzz words in all points (efficiency, organized, effective, etc.)
- Add numbers

Program Leader – City of Oshawa

September 2022 – June 2025

- Planned and lead engaging and skill building 10-week recreational programs to the satisfactions. (Why)
- Collaborated with small teams of under 5 staff to develop and pilot new city programs such as NERF and VOLT, creating new programs for the municipality.

Facility Supervisor – City of Oshawa

December 2022 – October 2024

- Supervised a 18,770 m² recreational facility aiding staff and patrons, ensuring all programs ran smoothly.
- Monitored attendance for drop-in programs and distributed swim safety wristbands. -> add more
- Responded to incident situations such as medical emergencies, patron conflicts, vandalisms, and thefts, ensuring patron safety/satisfaction and proper documentation.

Awards and Certificates

- CSWA certified
- Awarded the Governor General Medal for Highest Overall Academic average of Monsignor Paul Dwyer CHS graduating class of 2025.
- Received additional graduation awards: mathematics award, computer engineering technology award, English award, and ..
- SFA and CPR C certified

Education

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- **Bachelor of Applied Science, Mechatronics Engineering**, University of Waterloo.
 - Graduated Monsignor Paul Dwyer CHS

Sept 2025 – Current
June 2025

