

Objective

Motivated mechatronics engineering student seeking a January 2026 co-op to contribute to product development and gain valuable industry experience.

Technical Skills

- C++
- Solidworks
- Autocad
- Fusion360
- Kicad
- Python
- JavaScript
- Git

Projects

- EOS 3D – Custom Cantilevered 3D Printer
<https://github.com/AdamTuraj/EOS-3D>
- Hackboard & Hackpill – Microcontroller Boards
<https://github.com/AdamTuraj/Hackboard>
<https://github.com/AdamTuraj/Hackpill>

Skills

- Critical thinker
- Team player
- Highly motivated
- Strong communicator
- Highly Reliable

Work Experience

FREELANCE PROGRAMMER

2021 – 2024

- Developed web pages for multiple clients.
- Utilized HTML, JavaScript, CSS, Python, and ReactJS to meet customer requirements.
- Consulted with customers from planning to design to publishing, ensuring a smooth process from concept to execution.
- Maintained ongoing communication with clients to ensure strong customer satisfaction.
- Troubleshoot and resolved issues as they arose.

Lifeguard and Lifesaving Instructor

2023 – Present

- Collaborated with team members to ensure a safe and enjoyable environment.
- Provided swift and efficient first aid.
- Taught Swim City levels 1-10, parent and tot classes, and adult classes, helping students develop valuable swimming skills and water safety.

DAIRY QUEEN CREW WORKER

2022 – 2023

- Coordinated with coworkers to ensure smooth business operations.
- Effectively communicated with customers to ensure orders were accurately fulfilled.
- Prepared chilled items with strong attention to detail according to customer orders.
- Handled stress with ease during busy shifts.

Education

- **University of Waterloo**
BASc, Honours Mechatronics Engineering
2025 – 2030

Current Coursework: Calculus 1, Chemistry, Digital Computation, Linear Algebra, Mechatronics Engineering

Member of Formula Electric

- **St Joseph High School**
2019 – 2025

Honor roll student 2023-2025
Recipient of Tech Award

Extra-Curricular Activities

ROBOTICS CLUB – Founder and Co-President, St Joseph High School
2023 – 2024

- Created and developed the club through meetings with the school VP and Technology teacher.
- Utilized Fusion360 and additive manufacturing to build projects such as an XY gantry system.
- Planned and developed large and small-scale projects.
- Ran lessons teaching programming and CAD.

VARSITY VOLLEYBALL, St Joseph High School
2024

- Played as a middle blocker on the boys' varsity team.

VARSITY TRACK AND FIELD, St Joseph High School
2024

- Successfully competed in the 800m swim meets.

HOCKEY, NMHA & KMHA
2013 – 2025

- Playing at House League level A.

Volunteer Experience

CALABOGIE MOTORSPORTS PARK
2025

- Aided in a variety of tasks in preparation for the NASCAR Canada event.

ST CECILIA CATHOLIC SCHOOL
2024

- Officiated a girls volleyball tournament.

LONG ISLAND AQUATIC CLUB
2022

- Assisted in teaching swim lessons to children ranging from 3 to 12 years old.
- Retrieved required equipment from pool area storage.