



Bachelor of Mechanical Engineering

Summary Of Qualifications:

- **Designed and modeled 3D parts** for production using **SOLIDWORKS** during work-term at Innovative Automation.
- **Earned honours** in all team design projects at the University of Guelph.
- **Consistently rated “very good”** for ability to work with others during all work-terms.
- **Praised for excellent customer service** in performance reviews from Ontario Parks.
- **Diverse hands-on work experience** in mechanical design, machine shop, and assembly at Innovative Automation.
- Participated in several **large team projects** and learned to collaborate to achieve shared goals.

Work Experience:

- **Mechanical Engineering Work-Terms 2021-2022**

Three four-month work-terms in each of the following departments at Innovative Automation:

- **Programmed and operated CNC mill** in the Machine Shop Department.
- **Worked hands-on** in the Assembly Department.
- **Modeled 3D parts and created production drawings** using SOLIDWORKS in the Design Department.
- **Ontario Provincial Parks 2018-2019:**
 - Bass Lake Park - Boat Rentals/Camp Store in 2018.
 - **Promoted** to Maintenance Department at McCrae Park in 2019.
- **Hardwood Hills Ski and Bike Mountain Bike and Nordic Ski Instructor 2015-2019:**
 - Developed and implemented engaging lesson plans and **ensured the safety** of groups of up to 10 children aged 8-12 years old.

Additional Experience and Awards:

- Received **PEO Simcoe Muskoka Chapter Scholarship** in 2019.
- Organized and facilitated social events with parents of special needs athletes while volunteering for the **Special Olympics Organization** in 2019.
- **Founding member** of the University of Guelph **Aerospace Club** – Worked virtually during pandemic with other members and organized engineering teams to design an RC plane for competition.
- Competed for University of Guelph **Varsity Fencing** and won **Rookie of the Year** award.
- Won two awards at the **2017 Simcoe County Region Science and Technology Fair** for developing footwear to reduce the risk of people with mobility issues slipping and falling on ice:
 - **Dr. Donald N. Philip Award** for “most deserving project in rehabilitation medicine”.
 - **Quinn Rehab Health Sciences Award** for “outstanding project focused on improving the health and quality of life of Canadians”.
- University of Guelph **SAE Racing Team** Fall 2019.

Education:

- 2019-24 University of Guelph Mechanical Engineering Co-op program.
- 2015-19 Twin Lakes Secondary School: Academic Honours.