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Adaptable third year student in the University of Toronto's most competitive engineering program. Looking to develop machine intelligence systems for robotics and data management. I am prepared to work in diverse environments given my knowledge of development, project management, and machine learning and a history of programming, robotics, and teamwork.

## Experience

SEP '20 - PRESENT

### **Mechanical Team Lead** | Robotics for Space Exploration Competitive Design Team

RSX is a competitive engineering design team that sends a rover to competitions around the world. I lead the mechanical sub-team responsible for designing the chassis, movement system, and mounting for all other teams. After being promoted to team lead, I oversaw the testing and installation of two new power-train systems, designed a new rocker-bogie and managed sponsor relationships. This year I am leading a group of 13 engineers in mechanical tasks like power-train design and custom carbon-fibre layup.

MAY '22 - SEP '22

### **Installation Systems Engineer** | PowerNetworks

I worked with Derek Power of powernetworks.ca. I was responsible for developing technologies to aid the residential installation of solar panels and maintaining electronic communication systems. I took the initiative on maintaining and updating the website.

MAY '21 - SEP '21

### **Jr Systems and Development Engineer** | RFA Bank of Canada

I worked directly for the Director of IT & Security to develop a bank-wide IT & Security tracker and a vendor security assessment portal. I learned about working in a corporate environment and managing relationships with my manager and co-workers.

WINTERS '16 - '20

### **Ski Instructor** | Mount St. Louis-Moonstone

## Education

EXPECTED GRADUATION APR '24

### **Bachelor Of Engineering (BASc) in Engineering Science, Machine Intelligence Major** | University of Toronto

Engineering Science has prepared me for diverse positions by educating me in a variety of engineering fields, from biology to FPGA development to algorithm design. I am majoring in machine intelligence which gives me a basis in data management, artificial intelligence, algorithms, and software development.

## Skills

- Python • C • JavaScript • Java • Haskell • Git • Web Development
- Project Management • Microsoft Office • Data Visualization • Regex

## Citizenships

- Canada • United States of America
- Republic of Ireland (EU)

## Interests

- Rock Climbing • Backpacking
- Sailing • Skiing