

SUMMARY

- » Searching for Co-op positions beginning Fall 2019
 - » Extensive award-winning project work in multiple disciplines
 - » Excels in a team environment
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EDUCATION

McMASTER UNIVERSITY

Bachelor of Mechatronics Engineering (Co-op), Level 3

WORK EXPERIENCE

- » Intermediate Security Analyst at BMO Financial Group May - Aug 2019
*Part of a team that assessed vulnerabilities in Payment Security and Customer Identity & Access Management. Automated processes using Microsoft **InfoPath** and **Sharepoint**.*
 - » Service Desk Assistant at Lyons New Media Centre Sep 2018 - May 2019
*Assisted library patrons at the help desk. Created digital signage using the **Adobe Creative Suite**. Maintained **Ultimaker 3D Printers**.*
 - » Teaching Assistant at Faculty of Engineering, McMaster University Sep 2017 – Apr 2019
*Taught students Computer Aided Design (**CAD**) using **Autodesk Inventor**. Introduced them to **design for manufacturing** and **rapid prototyping** through 3D printing.*
 - » Field Technician at Bell Technical Solutions May - Jun 2018
Provided installation, maintenance, and repair services for internet and telephony on behalf of Bell Canada.
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EXTRACURRICULAR & VOLUNTEER WORK

- » Co-President of DeltaHacks V Apr 2018 – Mar 2019
*McMaster University's annual **hackathon for change**. Led a team of 45 volunteers who helped organize the largest DeltaHacks ever, doubling attendance and securing record funding.*
- » Chairperson at McMaster Model United Nations Sep 2017 – Mar 2019
*Chaired at a forum that encourages **public speaking** and **debate** regarding international issues.*
- » Lead Mentor at FIRST Robotics Team 6878 Sep 2017 – Apr 2018
*Introduced high school students to the process of **designing**, **programming**, and operating a **robot**.*

PROJECT WORK

- » LOC8R Winner at Hack the North 2017
*Part of a team that built a real-time bike tracking system using an **Arduino** programmed in **C** powered by a **stepper motor charging system**. Coded client and server **Android apps** with a **Firebase** backend.*
- » VRBots Winner at Red Bull AdrenaLAN Hackathon 2018
*Built a robot controlled through a **Unity VR** game connected to a **Raspberry Pi** running **MQTT**.*
- » DBot 2017
*Built a customized Computer and Numerically Controlled (**CNC**) **3D Printer**.*
- » Milano Winner at McMaster Advanced Sumobot Competition 2018
*Built an **autonomous** tank-like robot that relied on sensors to detect and attack the opponent.*
- » The CISCO Top 10 at McMaster 1P03 Engineering Showcase 2016
Built a device that enables a wheelchair user to open a non-handicap enabled door.
- » DeltaHacks.com 2018
*Built a website for DeltaHacks using **GatsbyJS**, a **JavaScript** framework. Implemented **ReactJS** modules.*
- » Linux Server 2019
*Set up a **CentOS** server with **OpenVPN** and **Apache WebServer**.*

HOBBIES & INTERESTS

Formula 1, Music, and Reading Science Fiction