

SKILLS

Languages: Java, Python (numpy, math), HTML, CSS, Kotlin, XML, C++

Technologies: Arduino, Office 365, Android Studio, Raspberry Pi, AutoCAD, SolidWorks, NI myDAQ, LabVIEW

SUMMARY OF QUALIFICATIONS

- Strong **leadership, communication, and teamwork skills** to manage team projects for my Robotics Club, Notify, Arduino project and Camp Riverwood roles.
- **Wet lab experience:** Titrations, Synthesis reactions, Acid-base separation, Condensation reactions, Calorimetry.
- Excellent **time-management skills** in quick follow-through and stressful situations shown through working on Notify and through performances in the 2019 Ontario Skills Competition.

EXPERIENCE

Robotics Club

Sep 2018 - May 2020

Executive Member | Pickering, ON

- Participated in and led Robotics meetings with approximately 20 members authoritatively and efficiently building **leadership** and **communication** skills.
- Developed **critical thinking skills** by creating, teaching and testing various aspects of autonomous and semi-autonomous robots for the 2020 Ontario Skills Competition using **Raspberry Pi** and **Arduino**.
- Implemented **engineering strategies** with a partner to solve problems in the robotics and automation industry at the the 2019 Ontario Skills Competition **placing 6th overall** for the Robotics and Control Systems event.

Camp Counsellor

Jun 2019 - Aug 2019

Camp Riverwood | Pickering, ON

- **Collaborated with others** effectively to maintain a safe work environment for dozens of children ranging from age 6 to 12.
- Served as exceptional role model to **several age groups** and personalities throughout camp programs and associated activities.
- Assisted in maintaining accurate program records, including incident reports, logbook documentation, and daily attendance.

PROJECTS

Arduino

- Designed and constructed a working fan with separate speed levels with an LED indicator with a partner using coding language **C++**, a breadboard, and an **Arduino Uno**.
- Completed several other small-scale projects with Arduino Uno for Computer Engineering course resulting in a mark of 100%.

Notify

May 2020 - Present

Android Development | Remote

- Currently developing an Android application with several other students which allows users to schedule appointments for a variety of businesses using **Kotlin**, **XML** and **Java**.
- Establishing a successful work environment by providing coding experience, productive ideas, and **creative insights** to the team to further improve the app.

EDUCATION

Candidate for BASc Nanotechnology Engineering Co-op

Sept 2020 - Present

University of Waterloo | Waterloo, ON