

Parth Agarwal

☎ (416)-912-2306 | ✉ p37agarw@uwaterloo.ca | in parthag1202 | 🌐 parth-aga12.github.io | 🐙 parth-aga12

SKILLS

Languages: Java, Python, HTML, CSS, Kotlin, XML, C++

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

EDUCATION

BE Nanotechnology Engineering

Sept 2020 - Present

University of Waterloo | Waterloo, ON

- GPA : 3.71
- Relevant Course: NE 111

SUMMARY OF QUALIFICATIONS

- Essential leadership, communication, and teamwork skills to manage team projects for my Robotics Club, Arduino project and Camp Riverwood roles.
- Essential time-management skills in quick follow-through and stressful situations shown through working on Notify and through performances in the 2019 Ontario Skills Competition.
- Strong understanding of Python from prior experience and NE 111 course demonstrated by mark of 95%.

EXPERIENCE

Notify

May 2020 - Present

Android Development | Remote

- Currently developing an Android application which allows users to schedule appointments for a variety of businesses using Kotlin and XML.

Robotics Club

Sep 2018 - May 2020

Executive Member | Pickering, ON

- Participated in and led Robotics meetings with approximately 20 members authoritatively and efficiently.
- Created, taught and tested various aspects of autonomous and semi-autonomous robots effectively 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, placing 6th overall for the Robotics and Control Systems event in the 2019 Ontario Skills Competition.

Camp Counsellor

June 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 a working fan with separate speed levels with an LED indicator.
- Designed several other small-scale projects for a Computer Engineering course that utilize communication between software and hardware resulting in a mark of 100%.