

# ROHIT SANGARAJU



rsangara@edu.uwaterloo.ca

(647)-765-2065

www.rohitsangaraju.me

www.linkedin.com/in/rohit-sangaraju

## 1B MECHATRONICS ENGINEERING

### SKILLS

-C++	-Java	-SQL
-HTML, CSS, JavaScript	-AutoCAD, SOLIDWORKS	-Soldering -Arduino

### PROJECTS

- 2017 Personal Portfolio Website – (www.rohitsangaraju.me)**
  - Used HTML, CSS and JavaScript to create a portfolio website
  - Improved knowledge of web development strategies and techniques
- 2016 Blackjack-Playing Robot - 1A Mechatronics Final Project**
  - Designed and constructed an autonomous “card-dealing” robot
  - Reinforced C++ knowledge and applied Robot-C skills through writing several non-trivial functions
- 2016 “SelectNSearch” - Google Chrome Extension**
  - Programmed an extension allowing users to query selected text on various web platforms with a single “button-press” on the keyboard
  - Learned basics of creating a Google Chrome extension over the course of 30 hours and won the “Waterloo Enghacks Hackathon”
- 2015 Piezoelectric Vibration-Sensing Shoe**
  - Invented a “smart-shoe” device to aid the visually and audibly impaired
  - Strengthened C++ and Arduino skills through writing effective code and creating custom algorithms
  - Improved communication skills while presenting project to experienced technical judges, and non-experienced public visitors during regional and national science fairs

### AWARDS

- 2016** 1st place at Waterloo Enghacks Hackathon – “SelectNSearch”
- 2016** \$2000 Waterloo President’s Entrance Scholarship
- 2016** Silver Excellence Medal at Canada Wide Science Fair
- 2016** Gold Medal at Peel Region Science Fair
- 2015** 1st place in “5 Minute Science Fair” hosted by George Washington University, \$2000 prize
- 2015** 1st place in school, top 60 in Canada, CEMC Fermat competition

### EDUCATION

**Candidate for Bachelor of Applied Science (BASc.) in Honours Mechatronics Engineering**  
University of Waterloo (2016-2021)

### EXPERIENCE

#### Transport Crew Member

Pan Am/Parapan Am Games  
(July 2015 – August 2015)

- Spent 108 hours at Pearson International Airport, facilitating the arrival and departure of athletes during the games.
- Developed effective communication skills while delivering instructions to non-English speaking athletes.

#### Summer Youth Councilor

YMCA  
(July 2012 – August 2012)

- Spent 143 hours at the YMCA Summer Camp, assisting staff with developing team activities for children.
- Encouraged children in developing creative thinking in their activities/projects while ensuring their safety at all times.

### INTERESTS

- Coding
- Chess
- Violin
- Table Tennis
- Badminton