

Michael Le

(647) 537-9503 | lemichael88@github.io | m42le@uwaterloo.ca

EXPERIENCE

Mississauga YMCA Centre, Mississauga, ON

Taekwondo Assistant Instructor, June 2016 – Jan 2019

- Assisted in teaching taekwondo for youth of ages 6-18
- Organization and distribution of equipment
- Watch for safety of participants

EDUCATION

ST. FRANCIS XAVIER SECONDARY SCHOOL, Mississauga, ON

International Baccalaureate Program, Sept 2015 – June 2019

- Completion of International Baccalaureate Diploma Program and Ontario Secondary School Diploma
- 97.3% average with English, Calculus, Advanced Functions, Data Management, Physics, and Chemistry
- Various school clubs and sports (ie. Computer Club, Math Team, Badminton)

UNIVERSITY OF WATERLOO, Waterloo, ON

Honours Bachelor of Computer Science (BCS), Sept 2019 – Present

- Expected completion of the Honours Computer Science (co-op) program at the University of Waterloo

PROJECTS

Tachometer using Arduinos

- Created a working tachometer that detects the speed of rotating magnetic fields
- Made using Arduinos and programmed using C++

Metal Detector

- Done as a physics project
- Made using Arduinos and C++

HootGuard Android Application

- Programmed an app that detects a driver's face and predicts whether they are drowsy/distracted and alerts them
- Programmed using Java on Android Studio and the Machine Learning kit from Google's Firebase API
- A project worked on during Hack the North 2019

AWARDS

Feb 2019 - Canadian Computing Competition (top 216/2719)

Nov 2018 - Canadian Open Math Challenge (top 22%)

Apr 2018 - ECOO Programming Contest Board Champions

Nov 2017 - Canadian Senior Math Contest (top 322/10643)

PROGRAMMING LANGUAGES

- Java - Competitive Programming
- C++ - Arduino Programming
- HTML5, CSS3 – Web Development
- XML – Android UI Development