

# Michael Le

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## SUMMARY OF QUALIFICATIONS

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- Experience in front-end development from creating a website and UI development from projects
- Working knowledge of Java (3 years) from competitive programming and self-driven projects
- Familiar with C++, HTML, CSS, XML, scheme from projects and coursework
- Experience with Google Cloud, XCode, Android Studio, Eclipse, Microsoft Office, Git from projects
- Adaptable and highly responsible individual with strong communication skills
- Quick learner that is very motivated to experience new technologies, evident through years of self-learning

## PROJECTS

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### **WatStats** – Dec 2019 to Present

- Developed android application that displays user's WATCard balance and list of recent transactions
- Created the user interface for the transactions page using Java and XML on Android Studio

### **Personal Website** – Dec 2019

- Designed a website to showcase personal portfolio and contact information using HTML and CSS
- Learned JavaScript to design special scrolling effects on website

### **HootGuard**, Hack the North 2019 – Sept 2019

- Used Java and XML for full-stack development of an Android application, that detects driver's face and predicts whether they are drowsy/distracted
- Utilized the Machine Learning kit from Google's Firebase API to handle face detection
- Learned Git to collaborate with teammates effectively and efficiently

### **Tachometer for Rotating Magnetic Fields** – Feb 2019

- Created a tachometer using Arduinos that detects the speed of nearby rotating magnetic fields
- Implemented a C++ program to calculate rotations per minute with an error of  $\pm 0.05$  RPM

## EXPERIENCE

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### **Mississauga YMCA Centre, Mississauga, ON**

#### *Taekwondo Volunteer Instructor, June 2016 – Jan 2019*

- Demonstrated leadership as an instructor for youth of ages 6-18 to a high degree of proficiency as commended by the grand master
- Ensured safety and enjoyment of all participants and workers

### **Captain's Boil, Mississauga, ON**

#### *Kitchen Assistant, July 2018 – Sept 2018*

- Prepared orders and washed dishes in a timely manner in a fast-paced environment
- Communicated effectively to team of coworkers to ensure the correct orders were being made

## EDUCATION

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### **University of Waterloo, Waterloo, ON**

#### *Candidate for Honours Bachelor of Computer Science Co-op (BCS), Sept 2019 – Present*