

## Education

### Ryerson University

Toronto, ON

#### BACHELOR OF SCIENCE (BSc - HONOURS)

Sep. 2018 - Present

- Undergraduate student majoring in computer science
- Currently enrolled in the full-time four-year program

## Skills

- Programming** · Java · Python · C · HTML/CSS · JavaScript
- Personal Traits** · Hardworking · Quick Learner · Punctual · Organized · Trustworthy
  - Excellent communication and problem-solving skills
  - Able to work independently and along with others
- Certificates** · Standard First Aid & CPR-C · National Lifeguard - Pool · Swim & Lifesaving & EFA Instructor
  - Certifications issued by Lifesaving Society
- Languages** · Conversational Proficiency in Cantonese

## Experience

### Canada's Wonderland, Ops-Aquatics

Vaughan, ON

#### AQUATICS LIFEGUARD

Jun. 2019 - Present

- Conduct preventive maintenance (opening) procedures of various water attractions
- Provide professional life-guarding in deep water by maintaining 10/20
  - 10/20 – 10 seconds to recognize an emergency, another 20 seconds to perform rescue and start care
- Enforce proper riding positions, safety procedures, and dispatch guests in a safe manner
- Provide excellent customer service and assistance by ensuring that each guest had their "best day" at the park

### Toronto Parks & Recreation, Aquatics Division

Toronto, ON

#### SWIM INSTRUCTOR & LIFEGUARD

Jan. 2018 - Present

- Provide swimming instruction, skill evaluation, and supervision of the participants
- Plan, conduct and implement safe and educational swimming lessons
- Always prepared to perform a rescue and provide first-aid when necessary
- Ensure a safe aquatic environment for participants in the pool area through supervision and accident prevention

### Canadian National Exhibition (CNE)

Toronto, ON

#### SALES ASSOCIATE

Aug. - Sep. 2017

- Used sales skills to provide product knowledge to customers
- Utilized communication skills to allow customers to understand the product better
- Demonstrated customer service skills by interacting with customers to ensure they have an amazing experience

### myBlueprint.ca

Toronto, ON

#### SOFTWARE DEVELOPER ASSISTANT | CO-OP POSITION

Mar. - Jun. 2017

- Participated in the design, writing, and testing of computer programs
- Demonstrated critical thinking skills by carrying out various tasks containing high quality of work with minimal instruction
- Utilized problem solving skills to resolve any problems or issues that may arise
- Applied knowledge of Java and other programming languages to complete technical tasks

## Honors & Awards

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May 2019 **Faculty of Science Dean's List**, Ryerson University | Faculty of Science  
Sep 2018 **University Entrance Scholarship**, Ryerson University  
Jun 2018 **Ontario Scholar**, Ontario Ministry of Education  
Feb 2016 **Cayley Math Contest - School Champion**, CEMC - University of Waterloo

*Toronto, ON*  
*Toronto, ON*  
*North York, ON*  
*Waterloo, ON*

## Projects

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### Time Sheet Calculator

*Code: [Web](#) · [Android](#)*

**LANGUAGE:** HTML/CSS, JAVASCRIPT, JAVA

*May 2019*

- Calculates the amount of hours worked based on the start and end time of the shift and any break times
- Uses the Google Calendar API to add events directly to a user's calendar
- Available on: [Web Browser](#) · [Google Play](#) · [Android \(APK\)](#)

### Car Dealership Simulator 2

*[View Source Code](#)*

**LANGUAGE:** JAVA

*Mar. 2019*

- Simulates a command-line based inventory system using Collections, FileIO, and exception handling
- Features buying, selling, sorting inventory, and maintaining transactions of cars sold
- Available on: [Java Platform \(JAR\)](#)

### Safety App | FIRST Robotics Competition

*[View Source Code](#)*

**LANGUAGE:** JAVA

*Apr. 2018*

- Designed the UI of the app and contributed to the backend development using Android Studio
- App showcases safety aspects and rules of the FRC Robotics competition
- Available on: [Android \(APK\)](#) · [App Website](#)

**More projects can be found on my GitHub below:**

<https://github.com/lyjacky11/>