Jacky **Ly**

COMPUTER SCIENCE · RYERSON UNIVERSITY

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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

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 selling 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

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

Projects

Time Sheet Calculator
Code: Web · Android
Language: HTML/CSS, Javascript, Java *May 2019*

- This applet calculates the amount of hours worked given the start and end time of the shifts and breaks if any
- 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)

Personal Portfolio Website
View Source Code
Languages: HTML/CSS, Javascript *Dec. 2018*

- Hosted website on GitHub Pages and utilized CloudFlare as DNS service provider
- Based on HTML/CSS and JS to showcase personal projects and other information
- Available on: Web Browser

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/