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 co-op 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

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

Canada's Wonderland, Ops-Aquatics
Vaughan, ON

AQUATICS LIFEGUARD
May - Sep. 2019

- Conducted opening procedures and preventive maintenance of various water attractions
- Provided professional life-guarding in deep water by maintaining vigilance to ensure the safety of 5000+ guests per day
- Enforced proper riding positions, safety procedures, and dispatched guests in a safe manner
- Provided excellent customer service and experience by interacting with guests in a friendly and helpful matter

Canadian National Exhibition (CNE)
Toronto, ON

SALES ASSOCIATE
Aug. - Sep. 2017

- Provided product knowledge to customers by describing the key points of the product
- 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

Honours & 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*

Other Skills

Certificates   · Standard First Aid & CPR-C   · National Lifeguard - Pool   · Swim & Lifesaving & EFA Instructor
   · Certifications issued by Lifesaving Society
Languages   · Conversational Proficiency in Cantonese
Interests   · PC Building   · Video Editing   · Rubik's Cube

Projects

Time Sheet Calculator — *Code: Web · Android*

LANGUAGE: HTML/CSS, JAVASCRIPT, JAVA — *May 2019*

- Calculates the amount of hours worked in a day leading to a brief summary of weekly hours on Google Calendar
- 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/