

Ajith Rahugnanam

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HIGHLIGHTS OF QUALIFICATIONS

- Second year Computer science student at Western University with extensive programming experience through personal projects, school courses, and hackathons
- Strong understanding of the Software Development Life Cycle
- Proficient with object-oriented programming principles and writing modular code
- Deep understanding of algorithms and data structures
- Exceptional problem solving and organizational skills with a keen sense of time management
- Highly motivated and constantly seeking opportunities to learn and expand skillset

EDUCATION

**Honors Bachelor of Science (HBSoc.), Computer Science
Minor in Software Engineering**
September 2018 – April 2022 (Expected)

Programming:

Python, Java, C, React.js, Node.js, SQL, R

Tools:

Git, PyCharm, Heroku, Firebase, Linux

WORK EXPERIENCE

Warehouse Associate – Lululemon Athletica

June 2019 – August 2019

- Used Excel to create a spreadsheet to calculate the dimensions of items to be packaged and delivered to customers
- Worked with the warehouse database to ensure that the quantities of items of clothing were correct

PROJECTS

Sudoku - Python Game

- Used a backtracking depth-first search algorithm to verify valid choices in the puzzle
- Created using Python along with the library PyGame for a Graphical User Interface

FoodLob – Food Donation App

- Developed a website for homeless shelters to connect with grocery stores and restaurants that have an excess amount of food that they are willing to donate
- Constructed using MongoDB, Node.js, Express.js, jQuery, Bootstrap, and the Fetch API

EXTRA-CURRICULAR ACTIVITIES

Researcher – Sports Analytics Club

September 2019 – Present

- Learned the various aspects of sports analytics combining the sport of basketball with data science
- Published an article for the monthly newsletter

Member – Western AI

September 2019 – Present

- Formed a stock projection study group with the purpose of learning how to incorporate Machine Learning and Artificial Intelligence into a projection

HackWestern 6 – Western University

November 2019

- Spent 36 hours in a team of four to create a Python/Arduino program to detect whether a heart patient is suffering from a heart arrhythmia

TECHNICAL SKILLS