

Johnny Park

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Education

Carleton University

BSC IN COMPUTER SCIENCE AND MATHEMATICS COMBINED HONOURS WITH CO-OP (THIRD-YEAR)
GPA: 10.94/12.0

Ottawa, ON

Sep 2018 – Present

Work Experience

Carleton University

RESEARCH ASSISTANT

- Used magma (computer algebra system) to compute minors of a given matrix basis of a subspace in order to find special cases where the dimension of two intersecting matrix subspace is distinctive.

Jul 2020 - Present

Magma, Computer algebra system

Carleton University

TEACHING ASSISTANT

- Tested and graded student's assignments and exams,
- Hosted a workshop to provide supplementary studying material
- Assisted student's tutorial work, and answered student's questions and concerns regarding the course (Systems programming).

Sep 2020 - Present

Systems Programming, C

Follett Book Store

WAREHOUSE ASSOCIATE

- Assisted customers and supply management of the bookstore

Jul 2018 - Nov 2018

Koreana Restaurant

WAITER

- Adapted to a fast-paced and time-sensitive workplace while serving exceptional customer experience

Mar 2018 - Jul 2018

Skills

Programming Languages:: Java, Python, Linux Bash, Git, C

Electrical Experience: Arduino, Nucleo Board, Basic Circuitry

Organization/Communication: MS Word, MS Excel, MS PowerPoint, LaTeX, Technical Writing

Projects

Scrabble Game

BUILT A GAMING APPLICATION THAT EXECUTED THE RULES AND PLAY BOARD ENVIRONMENT OF TRADITIONALLY PLAYED GAME; SCRABBLE

Python

<https://github.com/Johnnypark99/Scrabble>

Five-in-a-Row App

CREATED AN ENTIRELY VOICE-CONTROLLED GAMING APP THAT WOULD BE COMPATIBLE ON THE GOOGLE HOME MINI INTERFACE

Android Studio (Java)

<https://devpost.com/Johnnypark99>

Rock-Paper-Scissors (RPS) project

RESEARCHED AND IMPLEMENTED ALGORITHMS THAT WOULD ENABLE A COMPUTER TO PLAY A PSEUDO-RANDOM GAME AGAINST HUMANS

Python, Scikit-learn

Awards

- May 2020 **Dean's Honour List**, Recognised for academic achievements throughout second-year
- Feb 2020 **Carleton uOttawa Collaborative Award**, Awarded for project Hydr8: a straw that measures liquid consumption

Carleton University
uOttawa
Hackathon