1465 Fisher Avenue,	**HASSAN HASSAN**	613-809-6426
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Canada		hassanidea@github.io

EDUCATION

Bachelor of Engineering, Software, CO-OP OPTION   **September 2017 - Present**
Carleton University, Ottawa, ON

- Third Year Standing, CGPA – (9.1/12)
- Hamlin Bursary Awarded
- Expected Graduation Date – May 2022

AVAILABILITY

Available for 12 months beginning January 2020

APPLIED PROJECTS

Dictionary (Binary Search Tree)   **April 2019**

- Developed a dictionary that adds, removes, searches for words in a binary search tree using Java

Data Structures   **February 2019**

- Constructed an algorithm using Java that searches and counts the number of occurrences of a certain word in any given document
- Used Linked Lists, Array Lists, and Stacks which resulted in better understanding of data structures

Connect Four Game Java   **December 2018**

- Developed an arcade version of the popular game Connect Four using Object-Oriented Java
- Implemented JavaFx to create Graphical User Interface resulting in great user interaction

TICTACTOE Game Java   **November 2018**

- Built TICTACTOE Game using Java to make a game of any size (3*3,4*4…)

RELEVANT SKILLS

Technical Skills

- Proficient in multiple programming languages -**Java, C, C++, HTML, CSS, Javascript, Jquery and Vivado (FPGA)**
- Developed decoders and multiplexers using Vivado to create modules. Gaining experience in FPGA development and understanding of assembly language
- Created presentations, tables, charts, and other mathematical calculations using Microsoft Excel, Access, PowerPoint, and Word. To effectively present data for technical and non-technical audiences

Communication Skills

- Performed a presentation to explaining about OLED (Organic Light Emitting Diodes) Displays. Helped project supervisor to explore ideas on energy reduction
- Wrote a proposal to attain approval to proceed with research project on the implementation of reduced electricity usage at Carleton University. The project proposal was approved by the project supervisor (Lisa Meyer)
- Fluency in **English**, **Arabic**, and **intermediate French**

WORK EXPERIENCE

Technology Reseller   **Self-employed**   **December 2018 – April 2019**

- Used my marketing skills to sell phones, laptops to numerous customers. Developed my experience with social interaction and emotional intelligence to gain as much profit as possible

INTERESTS, ACHIEVEMENTS

- Won medal for best chess player in my high school 2016
- Donate blood to Canadian blood services
- Giving speeches and singing on stage live are one of my favorite experiences