

1465 Fisher Avenue,
Ottawa, ON, K2C 1X3
Canada

HASSAN HASSAN

613-809-6426

hassannhassan@cmail.carleton.ca

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

(PERSONAL WEBSITE) hassanidea.github.io (Bootstrap, HTML, CSS, JQuery)

August 2019

- Designed a portfolio using Bootstrap with great User Interface

TICTACTOE Game (Python)

August 2019

- Built TICTACTOE Game using Java to make a game of any size (3*3,4*4...) in Microsoft Visual Studio

Code Player (HTML, CSS, JQuery)

July 2019

- Developed a website that outputs HTML, CSS and Javascript code

Understanding of Basic Architecture of ARM processor

February – April 2019

- Built the basic architecture of an ARM processor consisting of processor, RAM, Data Bus, ROM, ALU etc. and deploying assembly language instructions on the system.

Dictionary (Binary Search Tree, Java)

April 2019

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

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

RELEVANT SKILLS

Technical Skills

- Proficient in multiple programming languages -Python, Java, C, C++, HTML, CSS, Javascript, JQuery, Bootstrap, MATLAB and Vivado (FPGA), as well as, using **GIT for version control**
- Created multiple projects implementing Object-Oriented design in Python and Java. Implemented interfaces, different classes to enable encapsulation in the Connect Four and tic-tac-toe games
- 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 in a group project
- 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**

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