

## EDUCATION

**Bachelor of Engineering, Software, CO-OP OPTION**  
**Carleton University, Ottawa, ON, Canada**

**September 2017 - Present**

- Hamlin Bursary Awarded

## WORK EXPERIENCE

**Researcher at CRC (Communications Research Centre of Canada)**

**September 2020 - December 2020**

- Researched about network simulators, learning how these simulators work and understand their capabilities
- Performed tests on various network simulators to check their features such as Ray-tracing, mobility, terrain, multi-antenna, ability to detect interference

**Software Developer at Statistics Canada**

**January 2020 - August 2020**

- Developed new features for users and fixed bugs for the CENSUS 2021 web application along with extensive testing
- Programmed using C# in ASP. NET framework using MVC to add features from database to the website
- Working **remotely** on research project in relation to statistical data output such as medians, percentiles etc.

## APPLIED PROJECTS

**Rabbits and Foxes Game (Java)**

**November 2019**

- Designed and created a fully responsive game that has levels and can be saved and loaded using MVC design pattern and used JFrame for GUI of the game

**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

**Hassanidea.github.io website (Bootstrap, HTML, CSS, JQuery)**

**August 2019**

- Designed my own website portfolio using Bootstrap with great User Interface

**Code Player (HTML, CSS, JQuery)**

**August 2019**

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

## RELEVANT SKILLS

### Technical Skills

- Experience in multiple programming languages -**Java, C, C++, C#, Python, HTML, CSS, Javascript, JQuery, Bootstrap and have the ability to work effectively remotely**
- Created various websites such as BBC, hassanidea.github.io, Code Player to gain UI/UX training
- 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 live demo presentation about various networking software demonstrating and explaining its features and capabilities using Microsoft teams
- 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**

## INTERESTS, ACHIEVEMENTS

- Interested in entrepreneurship as I invested in the stock market, reselling electronic devices
- Giving speeches and singing on stage live are one of my favorite experiences
- Won medal for best chess player in my high school 2016