

# Mostafa Khattab

OTTAWA, ONTARIO

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## EDUCATION

### UNIVERSITY OF OTTAWA

BASC IN ELECTRICAL ENGINEERING & BSC IN  
COMPUTING TECHNOLOGY (CO-OP)

September 2020 - Current  
University Entrance Scholarship  
Dean's Honour List: 2020 - 2021

### NOTRE DAME HIGH SCHOOL

ONTARIO SECONDARY SCHOOL DIPLOMA  
Honour Roll: 2018 - 2020

## LINKS

Website:// [mkhattab22.github.io](https://mkhattab22.github.io)

LinkedIn:// [mostafa-khattab](#)

Github:// [mkhattab22](#)

## SKILLS

### TECHNICAL SKILLS

Proficient with

Java • Python • C# • MATLAB • HTML5 • CSS3 • Arduino  
Android App Development • Unity • Quartus • Multisim

## LANGUAGES

### PROFICIENCY LEVEL

Fluent in both English & Arabic

## WORK EXPERIENCE

### FARM BOY - NEPEAN, ON

SUPERVISOR

August 2019 - Current

- Assisted the manager with duties like monitoring sales plans and ordering products
- Greeted and assisted customers, offering friendly, top-notch customer service
- Trained new employees to excel and maintain a high level of customer service

### ABRAR SECONDARY SCHOOL

JUNIOR SOFTWARE DEVELOPER

February 2021 - April 2021

- Developed a software using python that sorts student numbers, removes duplicates, and adds students that owe funds in a different database
- Collected data from the client to better understand their needs
- Continued to maintain the software as errors came up to better the software

## TECHNICAL PROJECTS

### PORTFOLIO WEBSITE | HTML & CSS

September 2022

- Designed this simple website using HTML and CSS to display my personal projects, technology stack and contact information.
- This project also gave me the opportunity to showcase my UI skills, in addition to using basic Javascript to change the color theme of the website

### PLEEB RECYCLING | TEAM PROJECT IN UNITY & C#

September 2021 - November 2021

- Developed a recycling-assistant application that our community to recycle in the most efficient way
- Used Vuforia Engine to determine whether an object is glass, plastic, or cardboard and displays it's appropriate bin

### FILE COMPRESSOR | HUFFMAN ENCODING IN JAVA

October 2021 - November 2021

- Used binary trees to store the Huffman tree and uses priority queues as part of the greedy algorithm that builds the Huffman tree to compress any given file
- Created a lossless compression program that allows the original data to be recovered from the compressed data

## UNIVERSITY COURSES

### ACCREDITED

- Data Structures and Algorithms
- Introduction to Software Engineering
- Signal and System Analysis
- Introduction to Computing I & II
- Electronics I & II
- Engineering Design

## ACTVITIES

- Acquired my first black belt in Taekwondo and won over 35 medals
- Soccer and Frisbee player
- Recieved a self-defense certificate from the World Taekwondo Federation

## AWARDS AND CLUBS

3<sup>rd</sup> Waterloo Mathematics Competition