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:// **mostafa-khattab**
Github:// **mkhattab22**
LinkedIn:// **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

3rd   Waterloo Mathematics Competition