Mohamad Hussein

2nd Year Engineering Student

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• Chestermere, Alberta

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Portfolio Projects

Machine Learning Algorithm:

 Developed a dataset predictive model using kNN algorithm by training the model as well finding the optimal value of k.

World Statistics Search:

- A terminal application that allows users to search any country/region/subregion for information.
- Uses popular libraries such as Matplotlib and NumPy to show graphic of population over time, threatened species and generate data from files.

Formula Calculator:

- Developed a python program that allows users to store large physics and chemistry formulas.
- Allows users to calculate results from formulas by only inputting variable values.

ChatGPT-3 Mobile Access:

 Developed a Samsung mobile app that connects to Openai's chatgpt language library through Android Studio.

Circuit for 16x2 LCD Display:

 Created a circuit by soldering connections and pin headers to a PCB board to place it directly on top of an Arduino, then placing a 16x2 LCD display on top of the two parts.
 Used Solidworks a little bit to model the circuit pre-hand.

Education

Bachelor of Science:

Major: Software Engineering,

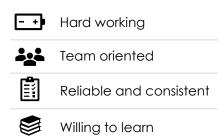
Minor: Mechatronics

- Studying in University of Calgary Calgary, Alberta,
 Canada
- **Programming Coursework:** Learning C/C++, machine learning in *Python*, collaboration programming using *Github*.
- I'm fortunate enough to be on the Dean's List for 2021/2022.

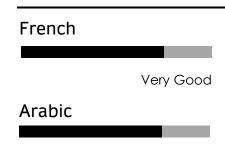
Skills

Python	Git	С	C++	SQL	Data Structures
Arduino	Problem Solving			Soldering	Solidworks

Strengths



Languages



Very Good

Certifications

09-2022 Engineering
Leadership
Certificate Program

09-2022 Innovation and Core
Concepts of
Engineering
Entrepreneurship

Links

LinkedIn:

linkedin.com/in/mohamad-hussein-link

Github (Portfolio):

github.com/Mohamad-Hussein

Personal Email:

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