

ABDULKARIM MOUAKEH

abdelkarim.mouakeh123@gmail.com ♦ <https://github.com/amouakeh>

+961 78939267

EDUCATION

Bachelor of Science in Computer Science, American University of Beirut

Fall 2023

Minor in Applied Mathematics

Dean's Honor List

GPA: 3.54

PROJECTS & EXPERIENCE

Covid-19 Database -Python

- Performed Data cleaning techniques on the acquired data of over 250 thousand entries and 67 columns.
- Imputed missing data using various techniques such as statistical, iterative and KNN.
- Explored and analyzed the data finding relationships and interactions that influence the target variable using various visualization tools.

Connect 4 Bot -C

- Led a team of 3 students in developing a bot that plays the board game Connect4 in 3 different difficulty levels using a game theory algorithm.
- Implemented an updated version to reduce the running time of the designed algorithm significantly.
- Achieved third place overall in a competition that includes over 16 other groups.

Healthcare Database -MySQL,Java

- Worked with a group of four to create a database that links patients, healthcare workers and facilities together using MySQL.
- Connected the database to the specified GUI to present and modify the data.

Calculator GUI -Java

- Created a program using java swing to demonstrate a functioning Calculator.

Private Tutor -Python,Java

- Tutored over 5 students the fundamentals of programming in both python and java.

CERTIFICATIONS

Goldman Sachs Software Engineering Virtual Program

- Cracked a leaked password database using word list of 14+ million passwords.
- Implemented Hashcat method for MD5 hashing algorithm.

J.P MORGAN Software Engineering Virtual Internship

- Gained experience in utilizing version control systems such as Git.
- Acquired knowledge in reviewing and debugging code to identify and fix bugs and errors.

SkillUP PMP Basics

- Developed an understanding in project time management, including creating a project schedule, identifying and analyzing project risks, and developing a project plan
- Learned to apply project management tools and techniques to execute, monitor, and close projects.

SKILLS

-Java -Python
-C -MySQL
-R -Git

-English
-Arabic