NAGHAM SAADE

Junior Software Engineer

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SUMMARY

A hard-working, adaptable computer science graduate, looking for an opportunity where I can advance and expand my skill set, in an established organization, working towards solving real-life problems and having a positive impact.

EDUCATION

Lebanese baccalaureate – General Sciences

Collège Notre Dame des Sœurs Antonines

📅 2016 - 2019   📍 Nabatieh, Lebanon

GPA
17.4 / 20

BSc Computer Science – Minor in Data Science and Economics

American University of Beirut

📅 2019 - 2022   📍 Beirut, Lebanon

GPA
3.6 / 4

EXPERIENCE

Software Engineer Intern

EverteamGS-Intalio

📅 06/2021 - 08/2021   📍 Beirut

- Building several web pages using HTML, CSS, and JavaScript.
- Learning the basics of programming in C# and design patterns.

SKILLS

| Python | Java | C# | C++ | DART | R | Unity |

| HTML | CSS | JavaScript | JQuery | Bootstrap |

| MySQL | Standard ML | MATLAB |

| Time management | Teamwork | Problem solving |

| Critical thinking | Creativity |

PROJECTS

Istishara

📅 01/2021 - 04/2021

Mobile app that allows clients to send questions and get expert advice.
Responsibilities:
- Implementing the Front-end part of the application.

Housing

📅 05/2021 - 05/2021

Java/Swing graphical user interface (GUI) that allows users to retrieve information about students and student housing. Admins can add, update, delete and retrieve students, staffs, buildings, lounges, rooms.
Responsibilities:
- Writing the SQL queries to Insert/Update/Delete/Retrieve data from the database.

Prediction of arrest made in traffic stops

📅 08/2021 - 12/2021

The project consists of a dataset that contains around 444000 rows of traffic stops in Nashville –a US state.
Responsibilities:
- Exploring and analyzing data.
- Coming up with hypotheses.
- Running machine learning models that help with hypotheses validation.
- Predicting the type of violation made, and whether an arrest will take place based on variables such as location, age, and sex of the driver.

File transfer service

📅 11/2021 - 12/2021

A client-server program that gives the client the ability to download/upload files of various types.
Responsibilities:
- Implementing the communication via Python stream sockets to simulate partially the file transfer protocol (FTP).

LANGUAGES

Arabic
Native
●●●●●

English
Proficient
●●●●○

French
Proficient
●●●●○

HONORS & AWARDS

⭐ **Dean's Honor List - Spring 2020**

⭐ **Dean's Honor List - Fall 2021**

⭐ **Dean's Honor List - Spring 2022**

⭐ **MEPI-TLS scholarship (Spring 2022)**

⭐ **MEPI-TLS scholarship (Fall 2021)**

PROJECTS

321 GO
📅 04/2022 - 05/2022

A running game where the player competes with AI to win the race, passes through checkpoints, collects coins, buys new characters. The game also has a ranking system and two levels.
Responsibilities:

· Implementing the UI in the game, the ranking system, the character selection, and some player movements and animations.

Binary Classification for Twitter Bots
📅 02/2022 - 05/2022

It has been estimated that 50% of the data traffic in Twitter is generated and propagated by a rapid bot population that spread misinformation. It is important to detect them to protect actual user from malicious intentions. To tackle this problem, we used two machine learning approaches: account level classification that classifies accounts as bots and humans, and tweet level classification that classifies based on the tweets (using NLP). The dataset was collected using Twitter API along with Tweepy python module to scrape the user timeline using the user ID.
Responsibilities:

· Running machine learning models for the first approach.
· Doing hyperparameter tuning to avoid overfitting.