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TAHA MAMDOUH ARBASS

Summary

University student who is passionate about game development and basketball. Well-versed in numerous programming languages including Java, C++, C#, Python, JavaScript, MySQL, and various programming concepts such as OOP, Data Structures and Artificial Intelligence.

Skill Highlights

- Strong decision maker
- Complex problem solver
- Trilingual (Arabic, French, English)
- Strong foundation in DS
- Innovative
- Service-focused

Projects

- **Doctors' Appointments Booking System**
A web-based application developed using Node.js, Express.js, Sequelize, and Bootstrap. It facilitates the scheduling and management of appointments between patients and doctors.
- **Video Game Store**
A Spring Boot application with Java FX as a frontend to buy or publish video games.
- **Social Network Analysis Tool**
A C++ project that manages users and their connections using a graph-based structure with the implementation of pathfinding algorithms like A*, Dijkstra's, and Bellman-Ford. The tool supports data import/export and generates visualizations for the graphs.
- **Pharmacy Management System**
A Java-based application designed to streamline the management of medicines and patient records in a pharmacy setting, focused on understanding OOP concepts.
- **Student and Course Registration System**
A C++ project aimed at managing student enrollment in various courses using efficient data structures to organize and manipulate student and course data effectively.

Certificates

- **Access Program Top class Student:** by the American English access program.
- **Leadership Skills:** by NGO Ruwwad Al Tanimya.

Education

Bachelor of Science: **Computer Science** – Spring 2025
University of Balamand, Koura