

Mohamad Deryan

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PROFILE

Senior Computer Science student at LAU with strong Java, backend development, and problem-solving skills. Experienced in building scalable applications, working with databases, and developing real-world projects. Quick learner, highly adaptable, and eager to contribute to software engineering.

EDUCATION

Lebanese American University | Beirut, Lebanon

Aug 2022 – Present

BS in Computer Science

Predicted GPA: 3.2-3.5

Key Modules: Data Structures and Algorithms, Object Oriented Programming, Objects and Data Abstraction, Web Programming, Database Management System, Mobile Applications

Projects

Fit Forge: A web application acting as an online gym platform where users can log in, choose from various subscription plans, and access personalized workout plans and a comprehensive exercise library.

Technologies used: HTML, CSS, JavaScript, PHP, SQL

QuizWhiz: A mobile trivia game allowing users to play solo or locally with 2-4 players. Features include a dynamic leaderboard for single-player mode and multiplayer challenges. All questions and answers are managed through a database with CRUD operations.

Technologies used: Android Studio (Java, XML), SQL, PHP

Hospital Management System: A Software Engineering project for hospital operations with Role-Based Access Control (RBAC) and a user-friendly interface. Built using .NET Core MVC, it features secure authentication with JSON Web Tokens (JWT).

Technologies Used: .NET Core MVC, SQL, JWT

Breast-Cancer Classification: A Deep Learning project to classify tumours as benign or malignant. It includes a trained model with a front-end interface for easy use.

Technologies Used: Python, TensorFlow/Keras, HTML

The Haunted Island: A game programming project where the player has to escape a haunted island.

Technologies Used: Roblox Studio

Internships

Full Stack Developer – IDS Company (December 2024 – February 2025)

- Developed a full-stack web app, handling frontend and backend development.
- Designed and implemented RESTful APIs in PHP for seamless data exchange.
- Built and managed a SQL database, ensuring efficient data storage and retrieval.
- Developed a responsive frontend using JavaScript, HTML, and CSS for an intuitive user experience.