MAYA SEMAAN
Computer Science Graduate

Lebanon
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Computer science graduate with a Bachelor's degree and a completed Master 1 from the Lebanese University. Solid academic background in software development, with experience in mobile applications, web technologies, and system architecture. Highly motivated to deepen my expertise in software engineering and contribute to advanced, project-based and collaborative environments.

EDUCATION

Master 1 degree - Computer Science   **SEP 2024 - PRESENT**
Lebanese University, Faculty of Science - Tripoli Campus
Relevant Coursework: Advanced Object-Oriented Programming, Software Engineering & Information Systems II, Mobile Applications, Cloud Computing, Distributed Application Programming, Advanced Databases, Artificial Intelligence

Bachelor's Degree - Computer Science   **SEP 2021 - JUL 2024**
Lebanese University, Faculty of Science - Tripoli Campus
Relevant Coursework: Imperative Programming, Client-side Web Development, Object-oriented programming, Database, Data Structures, Computer Networks, Computer Systems, Application Development, Server-side Web Development, Parallel Programming.

First and Second year - Physics   **SEP 2020 - JUL 2022**
Lebanese University, Faculty of Science - Tripoli Campus
Relevant Coursework: Electricity and Magnetism, Mechanics, Thermodynamics and Fluid Mechanics, Geometric Optics, Electromagnetism, Quantum Mechanics and Relativity.

Lebanese Baccalaureate - General Sciences   **JUL 2020**
Ecole des Religieuses de Nazareth - Kfarzeina

Certificates:
- DELF B2 - Diploma of French Language Competence (B2 level)
- Web Development Training Certificate – Successfully completed comprehensive hands-on training in HTML, JavaScript, CSS, Node.js, MongoDB, and ReactJS

PROJECTS

Quiz Application - Android   **MAY 2025**
- Built a multi-page quiz app using fragments (one MCQ per page)
- Integrated Firebase to fetch question data dynamically
- Created a custom histogram view to display quiz results graphically
- Used SharedPreferences to store and retrieve past quiz attempts

Restaurant Table Reservation System - Agile Project (Scrum)   **FEB 2025**
- Led the planning phase by creating the product backlog, sprint backlog, and detailed functional specifications
- Designed a system where users can view and reserve tables in real time based on categories (e.g., size, location)
- Applied the Scrum methodology to organize the development workflow into sprints
- Focused on requirement analysis, user story definition, and iterative sprint

planning

Final Year Project   **MAY 2024**
- Designed and developed a full-stack food delivery website using React.js (front-end), MongoDB (database), Express.js and Node.js (back-end)
- Implemented secure payment processing with Stripe
- Managed database integration and back-end server functionality

Interactive Quiz Web Application   **MAY 2024**
- Developed a quiz web application using ASP.NET for the web interface and server-side logic, and C# for core functionality
- Implemented interactive features including multiple-choice questions, scoring, time limits, question management, and user authentication

Networking Project   **JAN 2024**
- Designed and implemented a local area network (LAN) for a small business, including configuration of routers, switches, and firewalls, ensuring seamless connectivity and optimized network performance
- Accomplished dynamic routing using OSPF for efficient and adaptive routing within the network infrastructure
- Configured HTTP and DNS services to facilitate seamless communication and web hosting capabilities

UML Modeling Project   **JAN 2024**
- Developed comprehensive UML diagrams, including use case, sequence, activity, and class diagrams, for a mobile application designed to manage a medical practice

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PROFESSIONAL EXPERIENCE

Tutoring | Physics & Math Tutor 2020 - Present
- Provided personalized one-on-one tutoring sessions, fostering a supportive learning environment for students
- Exercised adaptability, communication, and interpersonal skills to effectively guide students

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SKILLS & ABILITIES

- Microsoft office (Word, PowerPoint, Excel)
- Programming Languages: Java, C, C#, JavaScript, PHP
- Web Technologies: HTML5, CSS, SQL, MongoDB
- Frameworks / Libraries: Node.js, Express.js, React.js, ASP.NET
- Version Control: Git, GitHub

LANGUAGES

- Arabic: Native language
- French: DELF level B2
- English: Level C1