Lea Ouslati

ouslatilea@gmail.com   +961 81 659 518   linkedin.com/in/lea-ouslati-3a0b4a325/   Beirut, Lebanon

EDUCATION

Lebanese American University - Bachelor of Science in Computer Science   *Aug 2024 – June 2027*

- Achieved a cumulative 4.0 GPA after 3 semesters
- <u>Relevant Coursework:</u> Operating Systems, Database Management Systems, Data Structures and Algorithms, Objects and Data Abstraction, Computer Organization, Web Programming, Software Engineering

TEACHING EXPERIENCE

Calculus III Tutor (MTH 201) – Lebanese American University   *September 2025 – Present*

- Selected by the Computer Science and Mathematics department to tutor 100+ students in Calculus III
- Led weekly sessions focused on clarifying advanced concepts and guiding them in solving problems.
- Collaborated with course instructors to enhance student performance and strengthen their mathematical skills

ACADEMIC PROJECTS

Virtual Reality Arcade Database Management System
- Created various SQL queries with constraints, aggregation, and joins for revenue and membership tracking
- Designed an ER model, relational model, and implemented a functional MYSQL database for arcade operations
- Developed a system for efficient data management and analysis to aid better business decision-making

Personalized Math Tutoring Tool
- Designed a Python program to accept multiple mathematical topics and handle timed question answering
- Implemented performance tracking and feedback techniques based on user responses, accuracy, and response time
- Included several difficulty levels and topic options for an interactive and personalized learning experience

Hamra Walking Guide
- Developed a user-friendly navigation system to find the shortest walking route between locations on the Hamra map
- Modeled map locations and roads using vertices and weighted edges while calculating distances between points

CERTIFICATES

Semicolon Academy CTF competition   *June 1 2025*
- Completed an intensive CTF training program of around 15 hours while covering reverse engineering, cryptography, web security, and ethical hacking fundamentals
- Participated in a hands-on Capture The Flag competition involving practical, real-world cybersecurity challenges and cases
- Used tools and techniques such as Kali Linux, Burp Suite, and OSINT methods

EXTRA-CURRICULAR ACTIVITIES

Computer Science Club Member   *August 2024 – Present*

- Participated in coding sessions, technical workshops, and talks
- Connected with tech companies through club events

TECHNICAL SKILLS

Programming Languages: Java, Python, C, SQL, HTML, CSS, Verilog, LEGv8 ISA
Technologies and Tools: MySQL, Eclipse, Kali Linux, Visual Studio, GitHub

SKILLS AND COMPETENCIES

Languages: Arabic - Native, English – Fluent
Core Skills: Leadership, Collaboration, Communication, Time Management