

Lea Mourad

Address: Beirut, Lebanon

Phone Number: +961-76-718434

E-mail Address: lsm17@mail.aub.edu

LinkedIn Account URL: <http://www.linkedin.com/in/lea-mourad-34929b334>

Motivated Senior Computer Science student with experience in full-stack development, workflow automation using n8n, and business analysis. Skilled in building responsive applications, integrating APIs, and translating business needs into technical solutions. Eager to contribute to real-world projects while continuing to grow technical and analytical expertise.

Education

From 08/23 to Current	American University of Beirut Bachelor of Science in Computer Science Expected Date of Graduation: June 2026 Relevant Courses Taken: Object-Oriented Programming, Advanced Data Structures and Algorithms, Software Engineering GPA: 3.68/4. Dean's Honor List for Fall 24-25 with GPA 3.8 Dean's Honor List for Spring 24-25 with GPA 4.03	Beirut, Lebanon
From 09/08 to 07/23	Saint Mary's Orthodox College General Average: 18/20 Was Vice President of the Student Council during my junior year, organizing events and advocating for student interests.	Beirut, Lebanon

Experience

From 10/25 to 02/26	Undergraduate Research Program Position held: Student Researcher Conducted research in the Engineering department on harnessing the power of AI to improve patient outcomes and transform medical practice.	Beirut, Lebanon
From 07/25 to 10/25	ITP Media Group Position held: Web Development Intern - Built web apps using Angular, Node.js, and Express.js. - Designed responsive interfaces with Typescript, HTML and CSS and	Beirut, Lebanon
From 06/25 to Current	Amazon Industry Program Position held: Software Developer - In the Amazon Mentorship program: the Software Development Track. - Built a medical chatbot website designed to assist diabetes patients - Utilized Flask, React, JavaScript, and Tailwind CSS for full-stack development	Beirut, Lebanon

Projects

- 1) Final Year Project: Automated Market Research Agent:** Developed an AI-powered market research agent that automates data collection, analysis, and reporting for business insights. Integrated large language models to generate structured research outputs. Implemented prompt engineering techniques and workflow automation using n8n to ensure accurate and consistent results
- 2) Meshwar: Lebanese Touristic Website:** Developed a touristic website for Lebanese regions, gaining hands-on experience with React, Tailwind, backend development, and database systems. Followed Agile methodology with a focus on Scrum for iterative development and team collaboration.
Link: <https://meshwarfinal.vercel.app/>
- 3) Glucomate:** Glucomate is an AI-powered chatbot specialized for diabetes management. The project combined a Flask backend with AWS Bedrock for AI-driven intelligence and AWS RDS with PostgreSQL for secure data management, while the

frontend was built with React, Tailwind CSS, and Shadcn to deliver a responsive and user-friendly interface.

Github Account: <https://github.com/Lea-Mourad>

Volunteer

From 03/15 to Current	Ahla Fawda Beirut, Lebanon Position held: Volunteer Currently volunteering at Ahla Fawda helping distribute food and essentions to displaced citizens.
From 08/22 to 09/22	American University of Beirut Medical Center Beirut, Lebanon Position held: Volunteer service in the Patient Affairs Department. Facilitated communication between patients and hospital staff to ensure smooth coordination.

Certificates

05/25	Amazon 3-day Bootcamp: Software Development Track Completed intensive training focused on software development best practices, problem-solving, and career preparation. Gained hands-on experience and insights from Amazon engineers.
4/25	CME Cyber Security Workshop Attended a hands-on workshop with industry professionals covering key cybersecurity topics, including threat prevention, ethical hacking, and network protection.
2/25	Objectia Academy Java Backend Development Program Completed a 12-hour Java backend development program, including Spring Boot, PostgreSQL, and API development.

Skills

Languages: Fluent in English, Arabic, with basic knowledge of French

Computer Skills: GitHub, Jira, VSCode, n8n, Excel

Technical Skills: Agile, Scrum, Java, C Programming language

Soft Skills: Leadership, Communication, Team building, Organizational, Adaptability