Mariam AL Saghir

COMPUTER SCIENTIST

EMAIL: mariamalsaghir14@gmail.com   **PHONE:** 71 928 680   **LOCATION:** Beirut, Lebanon

Objective

As a Computer Science graduate from Beirut Arab University, I am passionate about merging my skills in development and design to create intuitive and impactful digital solutions. With hands-on experience in building user-friendly applications and crafting meaningful interfaces, I strive to contribute to projects that not only solve real-world challenges but also enhance the user experience through thoughtful design and innovative technology.

Education

2021 – 2025	**Beirut Arab University** — *Bachelor of Computer Science*
Graduated 2021	**Makassed – Omar Ibn Al Khattab** — *High School Diploma*

Certifications

2019	**Model United Nations (MUN)** *Lebanese American University (LAU)*
2021	**Hackathon AI Certificate** *Omar Ibn Al Khattab*
2025	**Mobile Development Course** *XpertBot*
2025	**IT Essentials (Cisco)** *Dot Lebanon*
2025	**CTF Cybersecurity Competition** *Semicolon Academy*

Experience

January 2022 – January 2023
Sales Associate – *ABC Verdun Department Store, Beirut, Lebanon*
- Surpassed sales targets using KPIs.
- Delivered top-tier customer service.
- Built loyal customer relationships.
- Awarded multiple top seller certificates.

Ongoing

Online Business Owner – *Self-Employed*
- Manage all aspects of a digital store including sales, marketing, and support.
- Utilize social media and digital marketing strategies to increase traffic.

Ongoing

Coding & Robotics Instructor – Coducators

- Deliver interactive coding and robotics lessons using hands-on, project-based learning.
- Teach programming fundamentals, robotics logic, and problem-solving through real-world challenges.
- Mentor students in developing logical thinking, creativity, and computational thinking.
- Create an engaging learning environment using games, simulations, and collaborative activities.
- Adapt lesson content to different age groups and skill levels to ensure effective learning outcomes.

Projects

La3youn Lebnan – Senior Project
A platform that supports people in Lebanon by allowing them to compare product prices, track inflation, and access donations.
Technologies: Python (APIs), Flutter, MySQL
Features: Price tracking, donation system, search/filter/sort, maps, and multilingual support.

Flower Shop Website
Built a dynamic e-commerce website allowing flower browsing, user login, filtering, order tracking, and secure checkout.
Skills: HTML, CSS, JavaScript, PHP, MySQL, Teamwork

Ontology for Library Management System
Used Protégé and OWL to build an ontology that structures and organizes data for improved classification and recommendation.
Skills: Semantic Web, Ontology Design, Semantic Reasoning

Wedding Planning Management System
A MySQL-based system to manage vendors, venues, users, tasks, and budget planning.
Skills: Database Design, SQL Queries, Teamwork

Computer skills

Programming & Development:
Python, Java, JavaScript, PHP, HTML, CSS, SQL, Bash Scripting
Databases:
MySQL, Semantic Queries, Database Design
Tools & Platforms:
Figma (Prototyping), Canva (UI/UX), Protégé, GitHub, MS Office

Soft Skills:
Team Collaboration, Communication, Time Management

Languages		
Arabic	Native
English	Fluent