

Reina Harake

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EDUCATION

Lebanese American University, Beirut, Lebanon

Expected Graduation Date - May 2026

Bachelor of Science in Computer Science

Collège Des Pères Antonins, Baabda-Hadath, Lebanon

2023

Lebanese Baccalaureate, Life Science Section (SV – programme français)

PROJECTS

Event Planning Database Design

March 2025

- Created an ER diagram with multivalued attributes, weak entities, and complex relationships to model real-world scenarios.
- Applied SQL to implement the database with constraints, foreign keys, and BCNF normalization for data integrity and efficiency.

Design of a RISC Processor – Computer Organization

December 2024

- Designed a custom instruction set architecture with a 32-bit instruction format and efficient opcode allocation.
- Implemented a register and memory addressing scheme to ensure streamlined execution and data handling.

LAU map model – walking guidance application

- Created an application that asks the user for his/her location at LAU and guides them to their destination by giving them the shortest path with directions (implemented using Java).

PROFESSIONAL EXPERIENCE

Job Simulations

- MasterCard – Cybersecurity (Forage): Designed a phishing email and interpreted phishing simulation results.
- Cyber Investigator: Part 1&2 (IBM SkillsBuild): Joined a team of cybersecurity investigators as they respond to a series of different cyberattacks. Worked in three different industries to help them conduct interviews, stop the attacks, solve puzzles, and restore things to normal.
- Protecting a Device with Malwarebytes (IBM SkillsBuild): Performed antimalware scans and removed adware and spyware using ADWCleaner. Concealed a device's online data using Privacy VPN and blocked online security threads using Browser Guard.
- Telstra – Cybersecurity (Forage): Analyzing and responding to a malware attack, incident postmortem and technical mitigation to the malware attack.

EXTRACURRICULARS

Delegate, LAU Model European Union (MEU)

2023

Participant / 3rd place winner, Compétition Scolaire en Entrepreneuriat (USJ)

2022

Key Skills & Languages

Technical Skills

Python, Java, C, Object-Oriented Programming, SQL, Verilog (Assembly), Microsoft Office, Kali Linux

Soft Skills

- Exceptional oral communication, public speaking, and writing skills (fluent in spoken and written Arabic, English and French)
- Notable teamwork, leadership, and problem-solving abilities in academic and professional environments