

Reine Beyh

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EDUCATION

Lebanese American University (LAU), Beirut, Lebanon

Bachelor of Science in Computer Science

Jan 2023 - Dec 2025

Relevant Coursework: Mobile Applications, Machine Learning, Data Science, Algorithms & Data Structures, Computer Organization, Theory of Computation

Iklim High School, Daraiya, Lebanon

Sept 2019 - June 2022

Lebanese Baccalaureate in General Science

Graduated with distinction, 18.39/20

WORK EXPERIENCE

IT Infrastructure Intern – LAU Beirut

Sept 2025 – Nov 2025

- Providing maintenance and support for network, telecom, and multimedia systems.
- Gaining hands-on experience with IT infrastructure troubleshooting and system optimization.
- Collaborating with the IT team to ensure smooth operations of university-wide technical services.

ACADEMIC PROJECTS

Capstone Project – COVID-19 & Tuberculosis Co-Dynamics

Jan 2025 – Dec 2025

- Developing a mathematical model to analyze co-infection dynamics using differential equations.
- Collaborating with a team to research epidemiological data and delegate analytical tasks.
- Regularly presenting findings to professors, showcasing research communication skills.

Data Science Project

Sept 2025 – Dec 2025

- Analyzed an e-commerce retail dataset using PostgreSQL and Python to study customer behavior and sales trends.
- Performed data cleaning and feature engineering through SQL-based analysis.
- Applied customer segmentation (RFM), cohort analysis, and statistical testing to support data-driven insights.

Database Design Project

Jan 2024 – May 2024

- Designed and implemented a relational database for a police station using MySQL.
- Collaborated with classmates to gather requirements and assign design/testing roles.
- Ensured smooth integration of all components through effective group discussions.

Web Development Project

Sept 2024 – Dec 2024

- Built a book club website using XAMPP, PHP, HTML, CSS, and MySQL.
- Organized project tasks and coordinated with peers to divide responsibilities.
- Presented the final solution to the class, demonstrating strong teamwork and communication skills.

VOLUNTEERING AND CERTIFICATIONS

Volunteer and Social Media Team Member

Feb 2023 – Present

- Helped organize community events such as *Medical Day* and awareness campaigns.
- Coordinated and supported the logistics of first aid workshops, ensuring smooth delivery.
- Contributed to the organization's social media presence by creating and managing content to boost outreach and engagement.

SKILLS

Programming Languages & Tools: Python, C, Java, JavaScript, PHP, HTML, CSS, MySQL, SQL, PostgreSQL, MongoDB

Software and Platforms: Linux, XAMPP, phpMyAdmin, Microsoft Office, Power BI

Languages: Arabic- Native , English & French – Fluent