

# 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

*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

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### 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

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**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