

Mira Kamal

📍 Beirut, Lebanon ✉ mirakamal53@gmail.com ☎ +961 71 131 994 in Mira Kamal

Education

Lebanese American University, *BS Computer Science* 2023 – Present

- Honor list: 2023 and Distinction list: 2024
- **Focus:** Algorithms and Data Structures, Database Management Systems, Web Programming, Operating Systems, Artificial Intelligence, Software Engineering

Lebanese Baccalaureate, *General Sciences* 2023

Experience

Hospital Database Management Systems Project 2024

- Collaborated in a team to design a scalable and efficient database schema for a hospital management system with 15+ entity types, which was successfully implemented and tested.
- Ensured database normalization to reduce redundancy and improve data integrity.
- Leveraged SQL in Oracle, incorporating realistic constraints to enhance data organization and retrieval efficiency.

System Support, Rachaya Technical Institute 2023 – Present

- Hybrid IT professional providing technical support in hardware and software configuration, assisting 50+ staff and students weekly.
- Successfully launched and developed a website that allows students to view course materials, grades, and track their academic progress.
- Designed the front-end of the website using HTML, CSS, and JavaScript, and implemented back-end functionality with PHP and MySQL to retrieve student data from a database, ensuring efficient data handling and real-time updates.

Intro to Object-Oriented Programming Lab Assistant 2024

- Teaching Assistant for the Introduction to Object-Oriented Programming lab, helping 50+ students in solving assignments using Python in Spyder across 10+ lab sessions, while explaining key object-oriented concepts.

Engagement and Development

Competitive Programming 2023 – Present

- Solved 300+ problems on platforms such as Codeforces, LeetCode, and CSES.
- Actively participated in coding contests to improve algorithmic thinking, problem-solving skills, and efficiency under time constraints.

Computer Science Club Core Member 2023 – Present

- Led the planning and organization of events and workshops, ensuring their success through effective collaboration and leadership.

Rachaya Youth Organization Member 2022 – Present

- Organized public speaking and local fundraising events to support community initiatives, helping people during crises by providing food and essential supplies.

Proficiencies

Languages: C++, C, Java, Python, SQL, CSS, HTML, PHP, JavaScript

Technologies: Kali Linux, Git and GitHub, VS Code, Eclipse, MySQL, Apache Netbeans