

# JAD SADEK

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## Education

Lebanese American University

Beirut, Lebanon

B.S. Computer Science

06/2026

- Relevant course work: Data Structures and Algorithms, Object-Oriented Programming, DBMS, Computer Organization and Programming, Software Engineering, Web Development.
- Member of the University Futsal Team: Represented the university in competitive futsal tournaments and events. Strengthened teamwork, communication, and leadership skills through regular practice and collaboration with teammates. Demonstrated commitment, discipline, and resilience by balancing academic responsibilities with athletic training.

## Skills

Programming languages (Python, java, C++, C, HTML/CSS, JavaScript)

Database management systems (SQL, Oracle Database)

Web development (FrontEnd, BackEnd)

Testing and debugging

Mathematics (Discrete math, Calculus)

## Projects

### DBMS Project

- Designed and implemented a relational database system
- Created an Entity-Relationship (ER) diagram to model entities, relationships, and constraints.
- Developed normalized tables and ensured data integrity through primary and foreign key constraints.
- Implemented advanced SQL queries for data retrieval, reporting, and optimization.
- Demonstrated strong problem-solving and analytical skills by addressing real-world challenges in database design and functionality.

### Website Development Project

- Designed and developed a responsive website for a local store to showcase products and manage online orders.
- Utilized HTML, CSS, and JavaScript for the front-end and integrated back-end functionality.
- Implemented a user-friendly interface and optimized website performance for desktop and mobile devices.

## Volunteering

The Change Makers LB

Volunteer

02/2024 - Present

- Participated in social work initiatives to support underprivileged communities.
- Assisted in outreach programs and public awareness campaigns.
- Collaborated with team members to address community needs and deliver solutions.

## Languages

Arabic Native ●●●●●

English Proficient ●●●●●

French Proficient ●●●●●

German Intermediate ●●●●●