

## Razan Ayoub

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Beirut, Lebanon

### EDUCATION

**Lebanese American University, Beirut, Lebanon**

**Expected Graduation May 2024**

BS in Computer Science and minor in Business Data Analytics

**Bissan Secondary School, Saida, Lebanon**

**August 2021**

Lebanese Baccalaureate in Life Sciences, scored 93.8%

### WORK EXPERIENCE

**CME Offshore, Beirut, Lebanon**

**July-August 2023**

Full Stack Java Engineer Intern

**Lebanese American University, Beirut, Lebanon**

**September 2022-Present**

USAID Student Mentor & Programming Tutor

- Mentored six computer science students and held weekly follow up meetings.
- Tutored students in Python Programming and Computer Organization courses.

### PROJECTS

- **Fitness Application:** Developed a full stack application for health services where the user can book sessions with dietitians, PTs, and physiotherapists and buy gym subscriptions, Front-end: ReactJS, Back-end: Spring, Database: PostgreSQL, **CME, July-August 2023**
- **Airline Management System** Designed the system using the Waterfall model, UML diagrams, and software requirements, **Spring 2023**
- **Parallel Algorithm:** Created a parallel algorithm to optimize Tim sort using MPI, OpenMP, and CUDA C, **Spring 2023**
- **Restaurant Management System:** Designed a database management system for a global restaurant chain using the ER Model and built it on the Oracle Server, **Fall 2022**
- **RISC Processor:** Created an assembly language by simulating a RISC processor and designing a structure of different arithmetic and logical instructions, **Spring 2022**

### EXTRACURRICULAR & VOLUNTEERING ACTIVITIES

- LAU Page Turner Club, Vice President, September 2022-Present
- USAID Community Service Project, planning to provide aid for students, Spring 2022-Present
- Artificial Intelligence Bootcamp, ZAKA AI, February-March 2023
- Universal Peace Federation, participant in the "Peace Spreading" initiative, Fall 2021-2022
- Banin Charity Association, strategized to remodel the charity's official website, January 2023

### COMPUTER SKILLS

**Programming skills:** Java, C, Python, Linux, HTML, CSS, JavaScript, algorithms, data structures, Spring Boot, ReactJS, Flutter, REST APIs, Postman.

**Computer Programs:** Excel and Tableau for data visualization and storytelling, Figma.

**Database Management Systems:** SQL, Oracle and PostgreSQL Servers .

### AWARDS

- LAU Distinction List/Honor List Fall 2021-Present

- Recipient of the LAU USAID Scholarship, September 2021-Present
- 3<sup>rd</sup> place winner of the Data Visualization Competition, December 2022

**LANGUAGES**

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Fluent in both English and Arabic.