

MARIANE ELIAS

B.A. IN COMPUTER SCIENCE

OBJECTIVE

I am motivated, hardworking, and eager to make a positive impact in the tech industry.

EDUCATION

B.A. IN COMPUTER SCIENCE | AMERICAN UNIVERSITY OF BEIRUT

Sep 2022 – Dec 2025

Recipient of the USAID Higher Education Scholarship (HES)

University Projects:

- Developed a delivery management system, '**Deliverease**,' as part of a database systems course. The project involved designing and implementing a robust backend using SQL to manage data storage, retrieval, and optimization, as well as creating an intuitive user interface with HTML to streamline delivery operations.
- Designed and implemented a '**Battleship Game**' as part of a software construction course, utilizing C and C++. The project showcased proficiency in algorithm development, memory management, and object-oriented programming to create an interactive gaming experience.
- Developed a web app '**LIFT and CODE**' for appointments management, bookings and chatting between clients and personal trainers.
- Worked on an interactive **car rental** web app
- Currently engaged in a Community Service Project on '**Phosphorus** Treatment in the Soil in South Lebanon,' under the Center for Civic Engagement and Community Service.

EXPERIENCE

LEBANESE RED CROSS-MSS | INTERN

JULY 2024 – AUG 2024

Utilized technical expertise to enter and manage client records in the organization's data system, ensuring accuracy and security.

CAESER | WORKED AS DATA SCIENTIST

JAN 2023 - NOV 2024

Analyzed datasets to identify trends and optimize decision-making in IT projects.
Applied machine learning algorithms and statistical techniques to solve computational problems.
Prepared technical documentation and emails.

CONTACT

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ABOUT ME

I am a Computer Science student at the American University of Beirut (AUB), passionate about using technology to solve problems and create innovative solutions. I have a strong foundation in programming, algorithms, and data analysis, and I enjoy learning about new advancements in technology.

SKILLS

- Problem-Solving
- Team Collaboration
- Communication
- Critical Thinking
- Adaptability
- Time Management
- Attention to Detail
- Quick Learner
- Accountable
- Self-Motivated

LANGUAGES

- Arabic:** Native proficiency
- English:** Full professional proficiency
- French:** Full professional proficiency

TECHNICAL SKILLS

- **Programming Languages:** Proficient in Python, Java, C, C++, and SQL; experienced in HTML, CSS, JavaScript, React for web development.
 - **Database Management:** Skilled in designing, querying, and managing relational databases using SQL, MongoDB
 - **Algorithms and Problem-Solving:** Strong foundation in algorithm design, data structures, and computational problem-solving.
 - **Software Development:** Experienced in building and debugging software applications using Agile methodologies.
 - **Tools and Technologies:** Knowledge of Git for version control, basic web development frameworks, and integrated development environments (IDEs) like IntelliJ IDEA and VS Code, Jira, Postman, Familiar with the agile methodology, Nodejs, PHP.
 - **Machine Learning:** Familiarity with basic machine learning algorithms and libraries like scikit-learn.
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EXTRACURRICULAR EXPERIENCE

- **Caritas** | Deputee of Bint Jbeil Sector | Dec 2016 – Present
- **Scouts** | Pioneer | Oct 2010 – Nov 2024
- **Lebanese Red Cross** | Volunteer | June 2024
- **Haeven (Khelkhal AUB)**, Volunteer | Sep 2022

Provided emotional support and companionship to children hospitalized for treatment, and spent quality time with individuals undergoing hemodialysis

- **Volunteer in Disaster management committee in the shelter for internally displaced people | Oct-Nov 2025**

Using several tools to organize the data collected in shelter to monitor the arrival and departure of the members

Arrange team meetings with disaster management committee/ Handling all logistics issues and managing warehouse operations in the shelter
Arranging free medical day for people all over Bint Jbeil area with the help of Ordre de MALTE

CERTIFICATES

- Advanced Java Programming Techniques – April 2022
- Public Speaking & Reflective Writing Workshop – April 2023
- Presentation Skills Workshop – May 2023
- E-Portfolio Workshop – August 2023
- Stress Management Workshop – December 2023
- Job Readiness – January 2024
- Software Engineering Workshop – February 2024
- Social Media Workshop – May 2024
- Human Rights Workshop – May 2024
- Lebanon Taxation Workshop – May 2024
- Web Development Workshop – November 2024
- Version Control with Git and GitHub - October 2024