

Lara Bleik

Computer and Electrical Engineering Student

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Beirut, Lebanon

Profile

Senior Computer & Electrical Engineering student with strong experience in software development, AI, and data-driven systems. Skilled in applying engineering fundamentals to solve real-world technical problems, collaborating in team-based Agile environments, and building reliable, scalable solutions. Seeking an Internship to contribute strong programming, problem-solving, and analytical skills to impactful, production-level systems.

Education

Lebanese American University

2023–2027

Bachelor of Engineering in Computer and Electrical Engineering

Experience

IT Student Assistant — LAU Computer Center (Library)

2025–Present

- Provided technical support to 50+ students and faculty weekly, resolving hardware, software, and network issues efficiently in a fast-paced environment.

Intern — JAB Groups

2025

- Developed database-driven applications using WINDEV/WEBDEV, integrating SQL databases and improving data organization and application performance.

Competitions & Projects

Competitions

- **1st Place — AI Competition (Eflow x MinnaLearn)** 2025
Developed an AI-based solution using machine learning and analytical problem-solving.
- **2nd Place — AI Advanced Track — AllGirlsCode Hackathon** 2025
Built a scalable AI application using FastAPI, Mistral AI, and DevOps tools.

Projects

- **AI and VR Project — University Staff Team** 2025–Present
Working with my university staff team to develop interactive VR environments using Unity and C#, integrating AI and LLM systems to enhance interactivity and automation, while collaborating on design, coding, and testing to strengthen technical, teamwork, and project management skills.
- **Blood Bank Management System — Python & MariaDB** 2025
Developed full system using Python + MariaDB with Docker deployment. Designed relational schema and optimized SQL queries.
- **Hotel Reservation System — C++** 2025
Implemented Left Edge Algorithm to prevent overlapping bookings. Used OOP, STL, and JSON file storage.
- **Banking Management System — C++** 2024
Console-based banking system with authentication and transactions using OOP, file handling, and smart pointers.

Courses & Certifications

- Linux Essentials — Cisco (In Progress)
- Deep Learning Fundamentals — NVIDIA (Dec 2025)
- Networking Basics — Cisco (Dec 2025)
- Intro to Cybersecurity — Cisco (Oct 2025)
- Git & GitHub Fundamentals — Udemy (Sept 2025)

Volunteering

- Ajialouna Organization — Education, accounting, and administrative work.
- Participated in 9 Lebanese Red Cross workshops.

Skills

Technical Skills:

- Programming: Java, C++, Python, HTML
- Tools and Frameworks: Unity, VR Development, Visual Studio, Docker, Microsoft Office
- AI/ML: Machine Learning, AI applications, LLM Integration
- Concepts: OOP, Data Structures
- Databases: MySQL
- Version Control: Git, GitHub

Soft Skills: Communication, teamwork, research, leadership, adaptability, problem solving, critical thinking.

Languages: Arabic (Native), English (Fluent), German (Beginner), Turkish (Intermediate)