

LYNN EL SHAMI

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EDUCATION

American University of Beirut

Bachelor of Engineering, Computer Science & Engineering

Beirut, Lebanon

Expected in May 2025

Relevant Coursework:

- First year: Introduction to programming, Discrete Math, Data Structures and algorithms, Probability and Random Variables.
- Second year: Design of Analysis and algorithms, Object-Oriented Programming, Digital Systems Design, Theory of Computation, Programming Language Design and Implementation, Computing Networks and Services, Computer Organisation.
- Third year: Cryptography and Network Security, Machine Learning, Operating Systems, Ethical Hacking, Software Tools, Web, Mobile, and Application Development.

EXPERIENCE

First Place Winner, Arab Youth Anti-Corruption Hackathon Qatar 2023

"Coding4Integrity" hackathon

Doha, Qatar

10-14 September 2023

Organized by the United Nations Office on Drugs and Crime (UNODC), the Administrative Control and Transparency Authority (ACTA) of the State of Qatar, and Microsoft.

- Awarded First place, representing Lebanon as part of a team among 24 teams selected from 1,299 applicants across 17 Arab countries.
- Developed a machine learning-based solution to combat corruption in public procurement processes.
- Invited to present the winning solution at the 10th UNCAC Conference in Atlanta, USA, in December 2023.
- Selected for the Microsoft Start-Up Garage Business Development Programme, offering mentorship from tech industry experts to develop the solution.

Software Engineering Internship

At Alyafi Group

Beirut, Lebanon

August - October 2023

- Interned at an audit company that proposes financial solutions to emerging and established companies.
- Worked on impactful projects including a platform dedicated to ensuring transparency in bank corporate governance. This project significantly improved the company's communication with clients.

PERSONAL PROJECTS

Public Procurement website

- Developed a corruption-fighting and transparency-enhancing website for public procurement.
- Used **Microsoft Azure** services to design a ranking system using sentiment analysis (Sentiment AI) for background assessment, document analysis (Document AI) for RFS and bid comparison, and stored project data efficiently in an SQL database.
- Computed and displayed the best 3 proposals on the website for government selection.

Hotel Booking website

- Developed a user-friendly website by implementing a Front-End interface using HTML and CSS.
- Utilized MongoDB to create a storage system for user details, along with managing time slots for bookings.

EXTRACURRICULAR ACTIVITIES

Women In Engineering- IEEE AUB

2022-present

- Organized and attended multiple workshops including a Python workshop and a blockchain workshop.

Competitive Programming- AUB ACM

2021-present

- Participated in intensive training sessions, gaining essential skills for competing in programming contests.

AUB outdoors

June 2023

- Co-led the construction team that organized a student-led annual event that raises scholarship funds.

SKILLS

Computer: C++, C, Python, Java, HTML, CSS, VHDL, SQL, MATLAB, Linux

Languages: English (Fluent), French (Fluent), Arabic (Native).