

+961 70 566 769

Ali Hassoun
ali.hassoun03@lau.edu

Beirut, Lebanon

EDUCATION

Lebanese American University, Beirut, Lebanon

Expected Graduation Spring 2025

BS in Computer Science

CGPA: 3.95/4.0, High Distinction

Recipient of the Merit Scholarship for National Students and the USAID HES Scholarship

INTERNSHIPS AND EXPERIENCE

Intern at CNS-Solid Network member of ICC-Group

- The internship focused on teaching us security concepts and mitigation techniques, as well as implementing them using the f5 Big IP appliance specifically the LTM and ASM modules, with a minor focus on CCNA security.

RELEVANT COURSEWORK

- | | |
|---|-----------------------------|
| • Introduction to Object Oriented Programming | • Computer Networks |
| • Calculus III | • Web Development |
| • Object and Data Abstraction | • Operating Systems |
| • Algorithms and Data Structures | • Computer Organization |
| • Database | • Differential Equations |
| • Software Engineering | • Probability and Statistic |
| • Discrete Structures I | |
| • Linear Algebra | |

PROJECTS

Database Project

- The project includes doing an Entity-Relationship diagram for a barbershop, translating it into a relational model, implementing the model in oracle database, and finally normalizing the data.

Computer Organization Project

- The project encompasses the idea of implementing our own control processing unit, which in turn requires defining the size of a memory word and how different components communicate with each other.

Software Engineering

- The project requires writing a full requirements document for a certain topic of our choice and then implementing these requirements into a real-life application using any language, IDE, and framework of our own. Our project was about building a website for RB Leipzig football team using the Django framework.

Web Development

- The project requires designing and developing a comprehensive website on a topic of our choosing. We developed an E-commerce website where users can buy and sell items from. They can also create community forms. No framework was used as per the course requirements, the website was implemented using HTML, CSS, JavaScript and PHP only.

Computer Networks:

- The project focused on developing a chat application with simple GUI, where we had to implement reliability over UDP when sending messages and file transferring over TCP.

CERTIFICATES & ACHIEVEMENTS**AMIDEAST, Beirut, Lebanon**

- Awarded full scholarship to study nine online programs from Coursera / Google, 2023

IDEA International Competition, Hungary

- Gold medal recipient for the project "Educational Games: Rewire the Frontal Lobe and Enhance Coherence", 2022

Lebanese University, Beirut, Lebanon

- Bronze medal recipient for the project "Educational Games: Rewire the Frontal Lobe and Enhance Coherence", 2022
- Silver medal recipient for the project "Save Water, Energy, and Time": a device that regulates the flow of water depending on temperature, 2019

VOLUNTEERING ACTIVITIES

- Life Sculptor, COO and researcher, 2023
- LAU, tutored various computer science and mathematics courses to students, 2023
- Lebanese Red Cross, helped within the nursing and HR department, 2019-2023

WORKSHOPS & COURSES

- LAU, attended over 20 workshops across various topics, September 2022-2023
- MIT, Data Structures and Algorithms course (6.006), 2023
- Google Cybersecurity Program, 2023

COMPUTER SKILLS

Computer skills: Microsoft Office (PowerPoint and Word).

Programming languages: Python, Java, C, SQL, Scheme, HTML, CSS, JavaScript, and PHP.

LANGUAGES

Fluent in both English and Arabic.