

May Shaker
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Tyre, Lebanon

EDUCATION

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| Lebanese American University (LAU), Beirut, Lebanon BS in Computer Science | 2021-2024 |
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| United States Agency for International Development (USAID) Full Scholarship for LAU | 2021-2024 |
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PUBLICATIONS

"A Framework for Securing Electronic Payments via the Dual Channel Security Protocol," IEEE Middle East and North Africa Communications Conference (MENACOMM), 2025.

- Co-authored a paper addressing the security vulnerabilities in e-payment systems, proposing the Dual Channel Security (DCS) protocol as a solution to protect short-range communication from wireless attacks. Published in the IEEE Xplore digital library.

EXPERIENCE

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| Tech Sales Associate at Vsign | 4 Jan 2025- Present |
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- Assisted customers in selecting a wide range of tech products, including network equipment (Mikrotik devices, switches, routers, fiber cables, UPS systems), surveillance systems (IP, CVI, and wireless cameras), laptops, printers, and accessories.
- Handled sales transactions and managed cash.

- Maintained inventory and ensured product availability.

Internship at 3e Tech

Mobile Application Developer (Flutter)

2 Sep-30 Nov 2024

- Focused on state management (GetX, BLoC, Cubit) and API fetching/integration (Dio, http).
- Worked on real-world projects, including a Learning Management System (LMS) with dynamic role-based UI and navigation.
- Gained experience with Django for backend development
- Conducted API testing and debugging using Postman.

Internship at UNRWA

1 July-31 August 2023

Telecommunication and Network Engineer:

- Worked extensively with switches, network points, and main infrastructure to ensure optimal network performance.
- Participated in the design, implementation, and maintenance of network systems.
- Collaborated with the team to troubleshoot and resolve network issues, ensuring minimal downtime.

Academic Projects

Capstone Project – Skillink

CSC599 – Capstone Project

- Designed and developed a web application connecting users with job opportunities based on skills, using HTML, CSS, JavaScript, PHP, and MySQL.
- Built features like user profiles, job request systems, and a dynamic event grid for displaying job-related events.
- Ensured cross-device functionality through thorough testing and debugging.

Game Development Project – *Exploring Childhood Traumas* CSC458 – Game Programming

- Created an interactive Roblox game exploring childhood traumas through immersive stations (e.g., hypnosis clinic, amusement park).

- Implemented mechanics like teleportation, touch interactions, and GUI elements, enhanced by custom sound effects and skyboxes.

Mobile App 1 – *Book Manager*

CSC431 – Mobile Application

- Built an Android app for managing personal libraries with features like genre categorization, secure login/logout, and user-friendly navigation.

Mobile App 2 – *Note-Taking App*

CSC431 – Mobile Application

- Developed a Flutter-based cross-platform app for managing notes, featuring search, sorting options, and a visually appealing color-coded design.

EXTRACURRICULAR ACTIVITIES

Lebanese American University, Beirut, Lebanon

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| • Member of Computer Science Club | September 2022-2024 |
| • Member of the Palestinian Cultural Club | September 2022-2024 |
| • Volunteer in the LAU Open Doors | October 2022 |
| • Member of the Astronomy Club | September 2021-September2022 |
| • Member of the Life Skills Cub | September 2021-September2022 |

Volunteering at NGOs

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| • Volunteer with Ibad Al Rahman Association | 2022-Present |
| • Volunteer with Fraternity Association | 2021-Present |
| • Volunteer with MMKN Association | February 2022-December 2022 |
| • Vegan Social Club | 2022 |
| • Volunteer with Beit El Baraka, Live Love Recycle | 2021-2022 |

WORKSHOPS AND TRAININGS

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| • Cisco – Introduction to IoT Training Course | 2023 |
| • Introduction to CI and GIT | 2022 |
| • Developing Critical and Analytical Thinking workshop | 2022 |

- Public Speaking workshop 2022
- Team Building and Conflict Resolution workshop. 2021
- Communication and Negotiation Skills workshop 2021
- Basic First Aid training 2019

COMPUTER SKILLS AND LANGUAGES

- **Programming Languages:** Java, Python, C, Dart, SQL, Java Script
- **Mobile Development:** Flutter, React Native, Android Studio
- **Web Development:**
 - **Frontend:** HTML, CSS, JavaScript, React.js
 - **Backend:** PHP, Django
- **State Management:** GetX, BLoC, Cubit
- **API Integration:** Dio, http
- **Cloud:** AWS
- **Database:** MySQL, Oracle SQL
- **Version Control:** Git
- **Tools:** Postman, Microsoft Office (Word, PowerPoint, Excel, Outlook), Figma
- **Languages:** Fluent in Arabic and English (spoken and written)