

Sandra H. Fawaz

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EDUCATION

American University of Beirut (AUB), Computer Science and Engineering *Aug 2023 – Jun 2027*

- Activities and societies: member in IEEE, member in ACM

Relevant coursework :

- EECE 351 – Computing Networks and Services : covers data networks, cloud services, socket programming, application protocols, and software-defined networking, networking protocols (TCP, OSPF, ARP...)

Saint Joseph de l'Apparition Beyrouth, Lebanese Baccalaureate – General Sciences

Sep 2008 – Jun 2023

- Graduated with high distinction and ranked 7th in Beirut region

PROFESSIONAL EXPERIENCE

Private Tutoring, Tutor

2023 – 2024

- Provided personalized tutoring in Mathematics, Physics, Chemistry, and Languages to students across various levels.
- Helped students grasp challenging concepts, resulting in significant improvements, with average grade increases of 20%.

EXTRACURRICULAR EXPERIENCE

GDG on Campus, head of logistics

Jan 2025 – Present

- Leading the subcabinet team to ensure the smooth execution of events, overseeing logistics, venue arrangements, and resource allocation.
- Ensuring all operational aspects run smoothly, from securing venues and technical setups to coordinating necessary approvals and materials for events.
- Managing on-the-ground logistics during events, troubleshooting issues in real-time, and ensuring seamless execution.

IEEE, member at large

Nov 2024 – Present

- Contributing to the planning and execution of diverse events, promoting IEEE initiatives, and fostering a supportive community for members' professional development.

VOLUNTEERING

iCademy, Volunteer

2021 – 2023

- Co-founded a student-led club, "Let's Advance Psyche", of over 500 students to promote the importance of mental health among the youth.
- Managed all the paperwork (weekly reports and registration data) and PR work to promote the club and invite guest speakers.

PROJECTS

AUBoutique

Oct 2024 – Dec 2024

- Designed and implemented a client-server marketplace using Python and TCP sockets.
- Built features for user authentication, product management, and real-time P2P messaging.
- Developed a GUI in PyQt5 to support user interaction.

CERTIFICATIONS

Ethical Hacking Foundation – Semicolon Academy (Full Scholarship Recipient)

Currently enrolled

- Learning key cybersecurity domains including OSINT & Reconnaissance, Network Security, Cryptography, Web Application Security, Social Engineering, and Authentication.
- Selected among the top students in a prior workshop based on hands-on lab performance.

Introduction to Cybersecurity – Cisco Networking Academy

Currently enrolled

- Verified introductory knowledge of cybersecurity, including the impact of threats.

Machine Learning Bootcamp – Amazon Industry Bootcamp

May 2025

- Completed a 3-day intensive bootcamp covering ML concepts and tools.

CME x ACM Cybersecurity Workshop

April 2025

- Completed a hands-on workshop covering practical tools and techniques including Nmap and Docker.

SKILLS & INTERESTS

Languages: Arabic (native), English (fluent), French (fluent)

IT: Python, C++, Java, HTML, SQLite, Wireshark, Nmap (beginner), Burp Suite (beginner), Office Package

Soft skills: teamwork, time management, problem-solving, communication

Interests: Sports (esp. tennis and Muay Thai), reading (esp. classics), Cybersecurity