

Alaa Khanafer

✉ afk13@mail.aub.edu | 📞 +961 70377630 | 🔗 www.linkedin.com/in/alaahkhanafer-f03

EDUCATION

Bachelor's Degree, *American University of Beirut*

Sep 2021 – Present

- Bachelor of Engineering in Computer and Communication Engineering
- Minor in Business Administration, Minor in Applied Mathematics

(GPA: 3.59/4.0)

EXPERIENCE

Software Engineering Intern, *SimBrAIIn Company*

Jun 2024 – July 2025

- Designed and maintained relational databases using MySQL to support enterprise applications.
- Built foundational modules in ASP.NET and contributed to a University Management System (UMS).
- Collaborated with cross-functional teams to integrate backend and frontend features using C#, JavaScript, HTML, and CSS.

PROJECTS

Network Cell Analyzer Project, *AUB - Lebanon*

Apr 2024

- Developed an Android app for real-time mobile network data analysis using **Android Studio**, in a team.
- Collected GSM, UMTS, and LTE data, transmitting updates every 10 seconds.

Library Management System, *AUB - Lebanon*

Apr 2024

- Designed an ER diagram to model entity relationships and implemented SQL DDL statements.
- Built user-friendly interfaces for librarians, professors, and students.

Software Security (E-commerce Website), *AUB - Lebanon*

Oct 2024

- Developed a secure Yoga Essentials & Accessories e-commerce website using **Python (Flask)** and **React.js**.
- Implemented security measures against SQL/OS injection, file upload vulnerabilities, SSRF, XSS, and CSRF.
- Strengthened authentication, session management, cryptographic security, and API protection.

EXTRACURRICULAR ACTIVITIES

Secretary, GDEC Club (Game Development and Esports Club)

Feb 2023 – May 2024

Secretary, IAESTE Club

Sep 2023 – May 2024

CERTIFICATIONS

Eth101: Ethical Hacking Foundation, Semicolon Academy

Nov 2022

Cybersecurity fundamentals, penetration testing, bug bounty hunting.

Eth201: Ethical Hacking Proficient, Semicolon Academy

Nov 2023

Advanced penetration testing, exploit development, OSINT, XSS, GraphQL vulnerabilities.

SKILLS

Programming Languages: Python, C++, JavaScript, SQL

Frameworks & Tools: React.js, Arduino, Git, REST API, Android Studio, Linux

Other Technical Skills: HTML, CSS, MS Excel

Languages: Arabic (native), English (proficient), French (upper-intermediate)