

Ahmad Ghraieb

ahmadghraieb2003@gmail.com | +961 81 006654 | Tyre, South Lebanon | [LinkedIn](#) | [GitHub](#)

Education

University of Sciences and Arts in Lebanon (USAL), Beirut, Lebanon

Bachelor's Degree in Computer Science – Computer and Network Security. (GPA 3.1)

Relevant courses: Web Application and Network security, CCNA Computer Networks, Information Security Management.

Skills

- **Programming Languages:** Proficient in Java, Python, and JavaScript. Familiar with C.
 - **Ethical Hacking:** Penetration testing, CTF challenges.
 - **System Administration:** Windows, Windows Server, Linux OS, Linux Server.
 - **Digital Forensics:** Computer and network forensics, data acquisition, web attack investigation.
 - **Networking:** Cisco Networking Academy (CCNA1, CCNA2, CCNA3), Wireshark.
 - **Frameworks:** Good knowledge of Flask; familiar with React.js.
 - **Databases:** Proficient in MySQL and SQL; familiar with SQLite.
 - **Tools:** Git, GitHub.
 - **Presentation & Design:** Microsoft Office, Adobe Photoshop.
-

Technical Projects

- [KALI-Companion](#) – **AI-Powered Cybersecurity Assistant**
 - Built an AI assistant that converts natural language to Kali Linux commands for cybersecurity tasks
 - Developed with Python, Flask, Gemini API; tested with Nmap, SQLMap, Hydra
 - Achieved high accuracy and security validation; open-sourced with future upgrades planned
 - **GNS3 Simulator Project – Deploying and Securing Network Services**
 - Simulated a secure enterprise network in GNS3 with Windows Server, Ubuntu, and end-user devices
 - Deployed AD, DHCP, Apache, SSH; applied VLANs, firewall rules, and security hardening
 - Delivered a functional infrastructure with monitoring, backups, and system protection
 - [Crowd Funding Website](#) – **Flask Web Application**
 - Developed a crowdfunding platform with user/project management, admin controls, and RESTful API support
 - Built using Python (Flask), SQLAlchemy, Flask-Login, MySQL, and Gemini API; supports media uploads
 - Implemented secure authentication, real-time data handling, and modular extensibility
 - [Integrity Check Script](#) – **System File Monitor**
 - Created a Bash script to verify /bin and /sbin integrity using stored SHA256 hashes at user login
 - Used Bash, sha256sum, and diff to monitor unauthorized file changes
 - Improved system security with early detection and user alerts for shutdown or continuation
 - [Car Renting Program](#) – **OOP-based Java GUI App**
 - Designed a GUI car rental app using OOP, supporting multiple vehicle types and rental workflows
 - Developed with Java and Swing; utilized polymorphism for dynamic vehicle behavior
 - Delivered a flexible, user-friendly system with modular, well-structured code
 - [2048 Game](#) – **Python Puzzle Game**
 - Developed a 2048 game clone using Python and Pygame with smooth animations and responsive controls
 - Enabled users to merge numbered tiles to reach the 2048 goal
 - Created an engaging, interactive puzzle replicating original game mechanics
-

Certificates

- **Fundamentals of Cyber Security** — [Yubee.ai](#), Remote, January 4, 2024
Completed a course on core cybersecurity concepts, Linux operations, and web hacking. Gained practical skills in security testing and a strong understanding of internet infrastructure to identify and address vulnerabilities.
 - **Ethical Hacking Foundation** — Semicolon Academy, Remote, August 2025
Completed 50+ hours of hands-on training covering network and web exploitation, OSINT, cryptography, and social engineering. Utilized tools such as Nmap, Burp Suite, and Metasploit to develop practical cybersecurity skills. Earned a recognized certificate in ethical hacking.
-

Achievement

Local Semicolon CTF Challenge , American University of Beirut, Lebanon, June, 14,2025

- Qualified for the **national finals of Lebanon's largest university-level Cybersecurity CTF**, with 1,200+ participants from 31 universities. Competed in web exploitation, cryptography, reverse engineering, and forensics challenges. Demonstrated advanced problem-solving, teamwork, and technical skills under pressure. Achieved finalist status, representing the university among the top national teams.
-

Languages

- Arabic: Native
- English: Fluent