

Ali Al Karrar Zeaiter
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SUMMARY

A highly motivated computer and communication engineering student eager to develop competencies. Ambitious about technology, dedicated to staying up to date with advancements and addressing knowledge gaps in the field. Actively seeking cybersecurity and AI internships and opportunities. With a competitive mindset and a strong drive for success, long-term goals include mastering the domain of cybersecurity, artificial intelligence and taking on leadership roles to leverage skills and experience.

EDUCATION

University Saint Joseph (USJ) – ESIB Mansourieh, Lebanon
Bachelor in Computer and Communications Engineering 2022-present

- GPA: 3.765 / 4, Ranked 4th out of 139 students
- Selected for the elite "Concours" section, an intensive program preparing for Ecole Polytechnique

Ecole des sœurs de la charité de Besançon Baabda Baabda, Lebanon
General Education – SG (general sciences) May 2022

- Official Lebanese Baccalaureate
- Graduated with Distinction (16.9/20)

EXPERIENCE

- **Cybersecurity Internship - POTECH** Mansourieh, Lebanon
01 June – 01 September 2024
 - Practiced red teaming, OSINT, and CTI for threat analysis
 - Conducted reconnaissance, Nmap scans, and vulnerability assessments
 - Exploited systems using Metasploit and tested web vulnerabilities with DVWA & WebGoat
 - Gained hands-on experience in real-world attack simulations and defensive strategies
- **OGERO Internship** Bir Hassan, Lebanon
01 July – 29 August 2024
 - Gained solid understanding of telecom infrastructure, including copper and fiber optics
 - Studied cable structures, connections, and resistance calculations
- **LIFE scholarship** Lebanon
June 2024 – present
 - Awarded for academic excellence and leadership potential
 - Received financial aid, mentorship, and career development support
 - Engaged with a global network promoting education and reform in Lebanon

SKILLS

- **Computer skills:**
Programming Languages: C++, Python, SQL.
Cybersecurity Tools & OS: UNIX, Kali Linux, Burp Suite, Wireshark, Metasploit.
Networking & Security: OSINT, Network Fingerprinting, Nmap, Cisco CCNA 1 and 2, Threat Intelligence.

AI & Machine Learning: Deep Learning, Neural Networks, Supervised Learning: Classification, Regression, Unsupervised Learning: Clustering, Anomaly Detection, Reinforcement Learning, SPSS, NumPy, TensorFlow and Regression Tree.

Telecom & technical tools: MATLAB.

- **Projects:**

Smart Agricultural Greenhouse Project (USJ ESIB, 2025):

Collaborated in a team of three to design and develop an automated greenhouse system for monitoring and regulating environmental conditions critical to plant growth. The system measures temperature, humidity, and light levels, and automatically adjusts conditions to optimize the growing environment—fully autonomous.

Load Balancer for Delivery Companies (USJ ESIB, 2024):

- Designed an **algorithm** to **efficiently distribute delivery orders** among drivers
- Implemented **data encryption** for secure location sharing
- Optimized delivery routes to **minimize distance & workload disparities**
- Led a **team of 5** in project development and execution

- **Soft skills/ Extracurricular:**

- Soft Skills: Problem Solving, Leadership, Communication.
- Extracurricular Activities: IEEE, Scouting, Running, Photography.

- **Languages:**

- English (Fluent).
- French (Fluent).
- Arabic (Fluent).
- Spanish (Beginner).

CERTIFICATIONS & TRAININGS

- **Networking:**

Cisco CCNAv7: Switching, Routing, and Wireless Essentials (**Cisco** certified, July 2025).

Cisco CCNAv7: Introduction to Networks (**Cisco** certified, January 2025).

Networking Basics (**Cisco** certified, June 2024).

- **AI & Machine Learning:**

Stanford online: Machine Learning Specialization (**Coursera**, July 2025).

Stanford online: Unsupervised Learning, Recommenders, Reinforcement Learning (**Coursera**, July 2025).

Stanford online: Advanced Learning Algorithms (**Coursera**, June 2025).

Stanford online: Supervised Machine Learning, Regression and Classification (**Coursera**, June 2025).

Deep Learning: Neural Networks and Deep Learning (**Coursera**, January 2025).

- **Cybersecurity:**

Cisco: Security Operation Center (SOC) (**Coursera**, August 2025).

Johns Hopkins University: Introduction to AI for Cybersecurity (**Coursera**, August 2025).

Deep Learning: Red Teaming LLM Applications (**Coursera**, July 2025).

ISC2 Security Principles (**Coursera**, July 2025).

ISC2 Incident Response, BC, and DR concepts (**Coursera**, July 2025).

Offensive Cybersecurity Bootcamp (**Semicolon** Academy, March 2024).

Introduction to Cybersecurity (**Cisco** certified, May 2024).

Digital Safety: Cybersecurity essentials and myths (**Udemy**, April 2024).

- Telecom Training (**OGERO**, August 2024).

McKinsey & Company Certificate of Completion (2024): Forward Champion learner (level 5/6).

Certificate of attendance (2022): Leaders for Lebanon at Haigazian University, Effective and Positive communication at University Saint Joseph.

Certificate of accomplishing 100 hours of social services at Besancon Baabda (2022).

Diplôme d'Études en Langue Française de niveau B2 (2022).