

MAHMOUD SADDER

+962 78 270 5995 | mahmouds4dr@gmail.com | [linkedin.com/in/mahmoud-sadder](https://www.linkedin.com/in/mahmoud-sadder) | Amman, Jordan

PROFESSIONAL SUMMARY

Cybersecurity and AI engineer with a B.Sc. in Cybersecurity, building production-grade intelligent systems for government and industry as part of Jordan's national 9xAI Fellowship. Background spans applied machine learning, LLM and RAG deployment, SOC operations, vulnerability research, and full-stack development across Python, .NET, and React. Focused on secure, scalable systems that drive real-world digital transformation.

TECHNICAL SKILLS

AI & Machine Learning: LLMs, RAG systems, NLP, Google Gemini API, ML pipelines, prompt engineering

Programming: Python, JavaScript, TypeScript, C#, Java, PHP, Bash

Web Development: React, ASP.NET Core MVC, Flask, RESTful APIs

Cloud & Infrastructure: AWS, Azure, GCP, Linux, Docker

Databases: MySQL, SQLite, Entity Framework Core

Security: Penetration testing, SIEM/EDR, Splunk, PCAP analysis, OWASP Top 10, MITRE ATT&CK, malware analysis

Tools: Git/GitHub, Docker, CI/CD awareness

EXPERIENCE

9xAI Fellow · Al Hussein Technical University (HTU) Feb 2026 – Present

Jordan National AI Initiative · Partnership: Ministry of Public Sector Development × HTU · Full-Time

- Selected as one of 21 fellows nationally to solve real government and industry problems through applied AI engineering.
- Design and deploy production-ready intelligent systems — RAG pipelines, LLM-based assistants, and ML models — addressing public sector and enterprise challenges.
- Delivered an AI solution for the Office of the Crown Prince, applying intelligent automation to government services modernization.
- Own the full development lifecycle: problem scoping, data engineering, model integration, evaluation, and scalable deployment.

SOC Analyst Intern · Green Circle · Amman, Jordan Oct 2025 – Jan 2026

- Conducted Tier 2 SOC investigations, incident response, and digital forensic analysis.
- Performed PCAP analysis for C2 detection, lateral movement tracking, and data exfiltration identification.
- Executed disk, memory, and malware analysis using industry-standard forensic tools.
- Threat hunted using the MITRE ATT&CK framework and SIEM/EDR platforms.

Security Researcher · Yogosha Strike Force · Paris, France (Remote) Apr 2025 – Present

- Selected for the elite Yogosha Strike Force (top 20% acceptance rate globally).
- Report and re-test critical vulnerabilities with concise, actionable security disclosures.

Cybersecurity Intern · Central Bank of Jordan (CBJ) · Amman, Jordan Apr 2025 – May 2025

- Completed structured training across FinCERT, IT, and Risk Management divisions.

Cybersecurity Intern · National Cybersecurity Centre (NCSC) · Amman, Jordan Feb 2025 – May 2025

- Trained in red/blue teaming, SOC operations, web pentesting, and Splunk-based threat investigations.
- Built AirStrike — a modular Python-based Wi-Fi security assessment framework.

PROJECTS

Sanfoor – AI-Powered ZU Academic Agent | **Crown Prince Foundation Award Qualifier**

- Built a bilingual AI assistant for ZU students to plan semesters, compare majors, and analyze course transfers using Gemini.
- Developed a React/TypeScript SPA with personalized recommendations, campus navigation, and saved user profiles.

[AirStrike](#) – Wi-Fi Pentesting Framework

- Developed a modular wireless security assessment tool with Flask and Python.
- Features an interactive web interface for streamlined Wi-Fi penetration testing workflows.

[Joflix](#) – ASP.NET Core MVC Streaming Platform

- Built a secure, full-stack streaming web application with authentication, role-based access control, and an admin panel.
- Responsive UI backed by MySQL + Entity Framework Core with database-driven content and secure password handling.

EDUCATION

Bachelor of Science in Cybersecurity

January 2026

Zarqa University, Amman, Jordan · GPA: 3.7 / 4.0

CERTIFICATIONS

- [INE eJPT – Junior Penetration Tester](#)
- [ISC2 CC – Certified in Cybersecurity](#)
- [INE ICCA – Certified Cloud Associate](#)
- [AWS Certified Cloud Practitioner \(CLF-C02\)](#)
- [HTUx Python Power-Up](#)

VOLUNTEERING

Co-Founder · Havok Cyber Team

- Co-founded and led the university's first elite cyber team, focused on CTFs and security education; mentored 100+ students.
- Built CTF platforms, an online academy, and internal tooling (CTFd, web portal).

CTF Organizer · ZUCTF

- Led challenge design and infrastructure for university-wide CTF events with 110+ participants.

Instructor · Havok Bootcamp

- Delivered a 48-hour hands-on bootcamp covering OWASP Top 10 and Linux privilege escalation for 20+ students via TryHackMe labs.

Organizing Volunteer · BSides Amman

- Managed logistics and attendee experience at Jordan's leading cybersecurity conference.

HTUx Ambassador · Zarqa University

- Led a 250+ student community; supported HTUx Career Expo 2025 with company coordination and on-site logistics.

LANGUAGES

Arabic – Native | **English** – Professional Working Proficiency (C1)