

ABDELRAHMAN MOHAMED ALY

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PROFESSIONAL SUMMARY

Senior Cybersecurity student with a strong passion for protecting digital systems and a growing skill set in network security, ethical hacking, and the security incident response lifecycle. In addition to my technical background, I have video editing experience. I am eager to apply my knowledge in real-world scenarios and stay current with emerging cybersecurity trends.

EDUCATION

Misr International University (MIU)

Faculty of Computer Science

2021 – 2025

Cairo, Egypt

- Major: Cyber Security

EXPERIENCE

Orange Egypt

February 2025

Information Technology Department – Internship

- Gained hands-on experience with network management and enterprise systems.
- Had an overview of infrastructure support and IT issue troubleshooting processes.

TECHNICAL SKILLS

Web Security: OWASP Top 10 Vulnerabilities

Security Tools: Burp Suite , Wireshark, Metasploit , tcpdump

Programming: Python, Java, JavaScript, C++, PHP, SQL

Data analytics : excel, power BI, orange , SQL

Version control Tools: Git, GitHub

Security Practices: Incident response lifecycle

AWS EC2 & EBS : Gained deep hands-on experience with AWS services, including launching, monitoring, resizing, and managing EC2 instances and EBS volumes.

Video Editing: created two technical and marketing videos for my graduation project using canva, both of which received positive feedback from the evaluation committee.

sample :

1. Link (1 minute marketing video)
2. Link (4 minutes Technical video)
3. Link (2 minutes video explaining the core methodology for our project)

Generative AI Prompt Engineering:

.Practical experience working with various generative AI models (e.g., OpenAI GPT, Ollama models, DeepSeek, etc.)

. Strong understanding of prompt engineering strategies for optimizing outputs, testing adversarial prompts, and refining model behavior

COURSES

Google Cybersecurity Certificate: [Link](#)

ISC2 Certified in Cybersecurity (CC): [Link](#)

Pre-Security learning path (Tryhackme) : [Link](#)

Active Directory Basics: [Link](#)

Big Data 101 (BD0101EN, provided by IBM): [Link](#)

AICE AI Career Essentials program from ALX: [Link](#)

CERTIFICATIONS

Google Cybersecurity Certificate: [Link](#)
ISC2 Certified in Cybersecurity (CC): [Link](#)

LANGUAGES

English: Fluent
Arabic: Native

PROJECTS

Graduation Project – FortiLLM: A cutting-edge adversarial testing framework designed to enhance security and robustness in the NLP domain. Focused on large language models such as ChatGPT, the project analyzes vulnerabilities and defenses against adversarial attacks. Recognized as one of the top 3 graduation projects in the Cybersecurity Department

E-Commerce for Electronic Appliances: Built an eCommerce website using Odoo Online to sell electronic appliances as part of a collaborative course project.

DDoS Simulation and Mitigation: Simulated SYN, HTTP, and Amplification attacks using `hping3` on Kali Linux; implemented mitigation techniques including rate limiting and WAF configuration.

Food Restaurant Services Application: Developed an object-oriented Java application with JavaFX GUI to manage restaurant operations, including menu management, order processing, and billing functionalities.