

ABDELRHMAN ELMSAWY

Network & Cybersecurity Engineer (Junior / Entry-Level)

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Portfolio: abdelrhman-elmsawy.github.io

PROFESSIONAL SUMMARY

Aspiring Cybersecurity professional with a strong foundation in networking and network security. Completed professional training programs under NTI and the Digital Egypt Youth initiative and currently advancing skills in Red Teaming and Offensive Security. Passionate about cybersecurity with hands-on experience in Linux environments, firewall concepts, and penetration testing fundamentals, with a strong focus on continuous learning and practical lab experience.

EDUCATION

B.Sc. in Engineering – Communications & Computers

Faculty of Engineering, Mansoura University

Expected Graduation: Early 2027

TECHNICAL SKILLS

Network Security:

Firewall Basics, ACLs, Network Traffic Analysis

Cybersecurity:

Vulnerability Assessment, Web Security Basics, Penetration Testing Fundamentals

Tools:

Nmap, Metasploit, Wireshark, Burp Suite, Kali Linux

Operating Systems:

Linux, Windows

Programming & Databases:

Python (Basic), Bash (Basic), PHP, MySQL

TRAINING & CERTIFICATIONS

Network Infrastructure Training (120 Hours) – NTI & ITIDA

Aug 2025 – Sep 2025

- Technical Training: 90 Hours | Soft Skills: 30 Hours
- Final Evaluation Score: 97%
- Covered networking fundamentals, routing & switching, and infrastructure management concepts.

Multivendor Firewalls Solutions – Digital Egypt Youth (DEY) Program | NTI

Online Training | Jan 2026 – Feb 2026 (72 Hours)

- Technical Training: 60 Hours | Soft Skills: 12 Hours
- Focused on multivendor firewall configuration, security policies, and network protection techniques.

Red Teaming & Offensive Security – Udemy (In Progress)

120 Training Hours (Ongoing)

- Hands-on training in penetration testing and red team methodologies
- Web & Network Penetration Testing, Metasploit, Linux, and Cloud attack techniques
- Practical labs including Hack The Box scenarios

PROJECTS

Network Infrastructure Design Project

- Designed and implemented a small-to-medium enterprise network topology using Cisco Packet Tracer.
- Applied subnetting, VLAN segmentation, and routing concepts in a simulated enterprise environment.
- Performed connectivity testing and basic network performance optimization.

Network Security Implementation Project

- Implemented firewall fundamentals and access control concepts within a simulated lab environment.
- Identified common network threats and applied basic mitigation techniques.
- Documented network security design, configuration, and testing results.

SOFT SKILLS

- Problem Solving
- Technical Documentation
- Teamwork & Communication
- Continuous Learning

LANGUAGES

Arabic: Native

English: Good
