

ABDELRHMAN ELMSAWY

Network & Cybersecurity Engineer (Junior / Entry-Level)

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PROFESSIONAL SUMMARY

Network and cybersecurity engineering student with strong hands-on training in network infrastructure and security fundamentals through hands-on labs and simulated environments. Completed intensive technical programs with NTI/ITIDA and global academies including Palo Alto Networks and NVIDIA. Experienced in designing, configuring, and securing network environments through practical academic and training projects in routing, switching, firewalling, and security operations. Actively seeking an internship or junior Network or Cybersecurity Engineer role.

TECHNICAL SKILLS

Networking: TCP/IP, OSI Model, Subnetting, VLANs, Routing & Switching, Network Troubleshooting

Network Security: Firewalls, NGFW Concepts, Network Security Fundamentals, Security Operations Basics, Access Control

Cybersecurity: SOC Fundamentals, Threat Awareness, Cloud Security Fundamentals

Tools & Platforms: Palo Alto Networks (Foundations), GNS3, Cisco Packet Tracer

Systems: Basic Linux Networking

Concepts: Network Infrastructure Design, Secure Network Architecture

EDUCATION

B.Sc. in Engineering – Communications & Computers

Faculty of Engineering, Mansoura University

Expected Graduation: Early 2027

TRAINING & CERTIFICATIONS

Endpoint Security – Cisco Networking Academy

Network Defense – Cisco Networking Academy

Network Infrastructure Training (120 Hours) – NTI & ITIDA

- Technical Training: 90 Hours | Soft Skills: 30 Hours

- Final Evaluation Score: 97%

Cybersecurity Foundation – Palo Alto Networks Cybersecurity Academy

Network Security Fundamentals – Palo Alto Networks Cybersecurity Academy

Security Operations Fundamentals – Palo Alto Networks Cybersecurity Academy

Cloud Security Fundamentals – Palo Alto Networks Cybersecurity Academy

Introduction to Networking – NVIDIA Academy

PROJECTS (NTI – PRACTICAL TRAINING)

Network Infrastructure Design Project

- Designed and implemented a small-to-medium enterprise network topology using GNS3 and Cisco Packet Tracer in a simulated enterprise environment.
- Applied subnetting, VLAN segmentation, and routing principles.
- Tested connectivity and optimized network performance.

Network Security Implementation Project

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

SOFT SKILLS

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

LANGUAGES

Arabic: Native

English: Good

CAREER OBJECTIVE

To start my career as a Network or Cybersecurity Engineer where I can apply my academic background, hands-on training, and industry-recognized certifications to build secure and reliable network infrastructures.