

Mariam Ibrahim Ayad

Network Security Engineer

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SUMMARY:

Entry-level Network Security Engineer with hands-on training in CCNA, Fortinet, and cybersecurity fundamentals.

Experienced in configuring firewalls, VPNs, routing, and network security labs.

Skilled in Python, network troubleshooting, and security protocols, seeking a junior cybersecurity or network engineering role.

TRAINING PROGRAMS:

DEPI Round 4, *Information Security*

11/2025 – 07/2026

Receiving advanced training in cybersecurity fundamentals, SOC operations, and security tools.

Cairo

NTI x Fortinet Summer Training, *NTI*

07/2025 – 08/2025

- Gained experience in firewall policies & NAT, routing, VPNs, SSL/TLS inspection, SD-WAN, HA, and diagnostics.
- Enhanced soft skills: communication, presentation, teamwork, CV & LinkedIn optimization, negotiation, and time management.

Cyber Security Trainee, *ITI*

05/2025 – 06/2025

- Completed a Cybersecurity Fundamentals course covering key topics such as network basics, ethical hacking, network security, and Red Hat fundamentals.
- Gained hands-on experience in setting up and securing networks, scripting with Python, and understanding system vulnerabilities and protection techniques

CCNA, *NTI, Menoufia*

08/2023 – 09/2023

- Completed an intensive training program covering all core CCNA topics.
- Learned about IP addressing, subnetting, routing protocols (RIP, OSPF), and switching concepts.
- Worked with Cisco Packet Tracer for practical network simulation and configuration.
- Gained hands-on skills in network setup, troubleshooting, and basic security practices.
- Built a solid foundation in computer networking aligned with Cisco standards.

ELARABY Group, *Menoufia, Lean Manufacturing Trainee*

2022 – 2023

- Participated in a training program focused on Lean Manufacturing principles.
- Learned concepts of production optimization, waste reduction, and efficient resource usage.
- Understood the balance between consumption and production in real-life industrial systems.
- Engaged in team-based activities to develop collaboration and problem-solving skills.
- Gained insight into quality control and continuous improvement techniques.

- Completed the Cisco "IT Essentials" course covering core computer concepts and operating system fundamentals.
- Gained practical knowledge in hardware components, software installation, and system maintenance.
- Worked with Microsoft Office applications (Word, Excel, PowerPoint) in real-world tasks.
- Built a strong foundation for future studies in networking and IT support.

EDUCATION:

Faculty of Electronic Engineering, Menoufia University, Bachelor of Science in Electronics and Computer Engineering (Computer Science and Engineering Department)
GPA 2.68 / 4.00

10/2021 – 07/2026

SKILLS:

- Networking (Packet Tracer)
- Programming languages (C++, C#, C, Python)
- Visual Studio Code
- Continuous improvement
- Public speaking
- Teamwork
- Focus on reducing waste and improving workflow
- Web basics (HTML, CSS)
- Fast learner
- Problem solving
- Communication and presentation skills

CERTIFICATES:

- IT Essentials from Cisco
- CCNA: Introduction to Networks
- CCNA: Enterprise Networking, Security, and Automation
- Network Basics from Great Learning
- Cyber Security Fundamentals from ITI
- Programming Essentials in C++
- CCNA: Switching, Routing, and Wireless Essentials
- LEAN Manufacturing certificate from ELARABY Group
- Introduction to Cyber Security from Cisco
- Fortinet FortiGate 7.4 Administrator

LANGUAGES

Arabic



English

