

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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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

