

# Mohamed Mahmoud Abdelaleem

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## Soc Analyst T1

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### SUMMARY

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Motivated Electronics and Communications Engineering graduate with hands-on training in cybersecurity, network defense, and SOC operations. Trained on Cisco-aligned CyberOps and CCNA programs through NTI, with practical experience in log analysis, threat detection, and security monitoring. Worked with ELK Stack for real-time log management and visualization during training labs and simulations. Passionate about Blue Team roles and continuously developing technical skills in SIEM tools, incident response, and Linux security.

### EXPERIENCE

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- **Information Security Analyst** – Digital Egypt Pioneers Initiative (DEPI) *Hybrid (June – December 2025)*
  - Trained on SOC operations, SIEM tools, and incident response fundamentals.
  - Studied vulnerability management, threat detection, and basic encryption practices.
  - Completed a capstone project simulating real-world incident handling.
- **Cyber Operation Center** – NTI, Upskilling Program *Online (April – May 2025)*
  - Completed 72 hours of technical training on SOC operations, incident analysis, and threat detection.
  - Studied attack vectors, event correlation, endpoint security, and cryptography fundamentals.
  - Worked on hands-on labs using virtual environments to simulate real-world SOC workflows and playbook-based incident response.
- **CCNA Routing and Switching** – NTI, Creativa Innovation Hubs *Physical (September – November 2024)*
  - Completed 120-hour hands-on CCNA training including router and switch configuration.
  - Practiced subnetting, VLANs, static & dynamic routing (OSPF, EIGRP), and ACLs.
  - Used Cisco Packet Tracer to simulate and troubleshoot real-world network topologies.
- **Cloud Computing** – NTI & Huawei Egyptian Talent Academy (ETA) *Physical (July 2024)*
  - Trained on cloud infrastructure fundamentals including compute, storage, and networking services.
  - Gained hands-on experience with virtualization, FusionCompute, and Linux-based systems.
  - Learned to design basic cloud architectures using Huawei Cloud tools and platforms.

### EDUCATION

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#### B.Sc. in Electronics and Communications Engineering

The Egyptian Academy for Engineering and Advanced Technology (EAEAT), Cairo, Egypt.

Graduation: 2025

### PROJECTS

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- Graduation Project: *Efficient IoT-Based Landscaping Irrigation Manager (IOT-ELIM)*  
*September 2024 – July 2025*

Contributed as a key team member in building a smart irrigation system combining IoT, automation, and AR-based navigation.

Took full responsibility for the AR Navigation system, enabling autonomous movement and terrain-aware pathfinding using OpenCV, Raspberry Pi, and servo-mounted cameras.

Represented the team in national innovation competitions, securing a 30,000 EGP fund from ITAC (Ministry of Communications) and reaching the finals of the Military Academy Innovation Challenge ITC (Ministry of Defense).

Worked closely with team members on integrating thermal imaging and sensor-based irrigation control for sustainable landscape management.

**Grade:** Excellent.

## COURSES

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- **Information Security Analyst** – DEPI
- **CyberOps Associate** – NTI
- **CCNA Routing and Switching** – NTI
- **Cloud Computing Fundamentals** – NTI / Huawei ETA
- **Computer Network Fundamentals** – MaharaTech
- **Introduction to Network Security** – MaharaTech
- **Python Programming Basics** – MaharaTech
- **Foundation Level Threat Intelligence Analyst** – arcX

## TECHNICAL SKILLS

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- Network fundamentals (TCP/IP, OSI Model, Subnetting, VLANs, Routing Protocols)
- Cisco Packet Tracer & Wireshark for network configuration and traffic analysis
- SIEM concepts and basic use of ELK Stack (Elasticsearch, Logstash, Kibana)
- Log analysis, threat detection, and incident response fundamentals
- Python programming for basic automation and parsing tasks
- VPN, NAT, ACLs, and access control configuration basics

## SOFT SKILLS

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|--|------------------------------|
| • Communication                        | • Critical Thinking          |
| • Teamwork & Collaboration             | • Adaptability               |
| • Presentation Skills                  | • Attention to Detail        |
| • Problem Solving                      | • Report Writing             |
| • Time Management                      | • Initiative & Self-Learning |
| • Forward Program – McKinsey & Company |                              |

## LANGUAGES

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- **Arabic:** Native
- **English:** Advanced (Professional Working Proficiency)