

# Ammar Yasser Mohamed

Cairo, Egypt

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Aspiring Cybersecurity Engineer with hands-on training in incident response, threat detection, and system security. Currently interning at e& with exposure to multiple cybersecurity domains including System security, Information security, Network security, SOC and GRC. Also undergoing cybersecurity incident response training at the Digital Egypt Pioneers Initiative (DEPI).

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## Objective

Seeking a junior role as a System Security Engineer, or Network Security Engineer to apply and grow my skills in threat detection, incident response, and infrastructure defense.

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## Experience

**Internship Trainee – e& (Etisalat Egypt)** Aug – Present 2025

- Currently interning within the Enterprise Security Department, gaining hands-on experience with the System Security team, while collaborating on real-world security tasks and system hardening practices under professional mentorship.
- Exploring additional cybersecurity domains including Network Security, SOC Operations, GRC, and Information Security through orientation sessions with specialized teams.

**Trainee – Digital Egypt Pioneers Initiative (DEPI)** Jul – Present 2025

- Learned how to respond to phishing, network, email, IDS, and antivirus alerts using Incident Response Management Systems.
- Conduct log, vulnerability, and compliance analysis/remediation.
- Collect, collate, and securely handle evidence for incident processing and reporting.
- Hands-on labs and challenges on platforms such as **TryHackMe**, and others.
- **Project:** Built and documented an **Email Phishing Analysis and Detection Tool** as part of the capstone.

**Trainee – Telecom Egypt (WE)** Aug – Sep 2024

- Completed extensive training on CCNA and gained hands-on experience with networking scenarios to design, implement, and manage network infrastructures.
- Worked with tools such as Cisco Packet Tracer and Wireshark to troubleshoot and simulate networking environments.

**Trainee – Electronics Research Institute (ERI)** Jul – Aug 2024

- Learned CST Studio Suite and applied it in verifying research papers by redesigning, simulating, and analyzing antenna structures, then comparing the results with those presented in the papers.
- Gained hands-on experience in mmWave systems, PLC, solar cell measurements, and digital design using MATLAB.

**Internship Trainee – ACTEL Communications S.A.E** Aug – Sep 2023

- Conducted drive tests to evaluate signal strength, call quality, and data speeds in various regions.
  - Analyzed network performance data to identify areas for optimization and improvement.
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## Volunteering

### Instructor – Next Coders Society

Jun – Aug 2022

Instructed web development to middle and high school students, guiding them through the completion of over 3,700 levels on Code.org. Provided student support via Q&A sessions, office hours, and progress monitoring.

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## Education

**Bachelor of Engineering**, Helwan University  
Electrical Communications and Electronics Department

Cairo, Egypt  
Undergraduate

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## Certificates

- **Cybersecurity – Information Technology Institute (ITI)**
  - **Linux Essentials & Operating Systems Basics – Cisco Networking Academy**
  - **Programming for Everybody (Python) – University of Michigan**
  - **Introduction to Programming with MATLAB – Vanderbilt University**
  - **Introduction to Cloud Computing – IBM**
  - **Wireless Communications – Yonsei University**
  - **Internet of Things and Embedded Systems – UC Irvine**
  - **ALX Africa – AI Career Essentials**
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## Skills

**Programming:** Python, C++.

**Tools:** Wireshark, Cisco Packet Tracer.

**Soft Skills:** Communication, Teamwork, Time Management, Teaching.

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## Projects

### mmWave Four-Element MIMO Antenna Design Verification for 5G

July – Aug 2025

Verified and simulated a 5G-compatible mmWave Four-Element MIMO antenna. Used CST to replicate and evaluate antenna design based on S-parameters, gain, radiation patterns, and efficiency. Attempted MATLAB to analyze MIMO performance.

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## Languages

**Arabic:** Native

**English:** Intermediate