

Mohamed Tamer Khedr

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Summary

Motivated and detail-oriented Electronics and Communications Engineering student with a strong passion for Cybersecurity. Currently enrolled in a government-sponsored training program under the Ministry of Communications (NTI & ITI), focused on core cybersecurity concepts, network security, firewalls, VPNs, and ethical hacking. Possess a solid foundation in networking, computer systems, and security principles. Actively seeking hands-on experience to apply skills in real-world scenarios and contribute to securing digital environments.

Education

october2022 - sept2027

Faculty of Engineering

Communication, Electronics Engineering, zaqaziq university- *very good*

Skills

Soft Skills:

- Communication and presentation skills
- Conflict management
- Negotiation skills

Technical skills:

- Programming Languages: C & C++ programming, visual Basic, HTML, CSS, JavaScript
- Tools / Platforms: VS Code, LT Spice, Multisim, Proteus, Matlab, code blocks, MS
- Data base language: SQL
- Data structures
- Algorithms

Experience

July 2025 - August

Rashpetco oil and gas, Edku -*Summer training*

- Telecommunications
- instrumentations
- Turbomachinery

July 2025 - Aug2025

National Telecommunication Institute, Online – *Internship Trainee*

- Completed a **comprehensive 120-hour training program** in cybersecurity
- **90 hours of technical training**, covering
 - Network fundamentals and protocols (TCP/IP, NAT)
 - Firewall configuration and security policies
 - VPN setup and secure tunneling (IPsec & SSL)
 - Threat detection and analysis
 - Hands-on practice with FortiGate and network monitoring tools
- **30 hours of soft skills training**
- Full-time schedule: **6 hours per day**, combining theory and practical labs

July 2025

Rapiscan, Hamdy tunnel – *Summer training*

- Trained on operating and maintaining advanced X-Ray vehicle and cargo screening systems.
- Gained hands-on experience in threat detection and image analysis in real-world border security context
- Developed understanding of national security protocols and inspection procedures

July 2024 - Aug2024

Information Technology Institute, Online – *Internship Trainee*

- Introduction to Computer Science
- core programming concepts using C (pointers, memory management, algorithms).
- web development using HTML, CSS, and JavaScript.
- Built multiple projects applying data structures, algorithms, and problem-solving skills

Courses or certifications

- English course at British Council (B1 level)
- ITI CS50
- Mahara-Tech Cybersecurity for beginners
- NTI Fortinet Cybersecurity
- Rapiscan Training
- Rashpetco Training