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Profile

A first-year student at The Faculty of Industry and Energy Technology - Borg El Arab, certified in networking and cybersecurity with hands-on experience through training and projects. Possessing strong knowledge in networking technologies, programming, and security systems.

Education

The Faculty of Industry and Energy Technology - Borg El Arab (2024 - Present)
WE Applied Technology School (Until 2024)

Certifications & Training

- Cisco Certified Network Associate (CCNA)
- Cisco Certified Network Professional (CCNP)
- CompTIA A
- Microsoft Office Specialist (With Certificates)
- Fundamentals of Cybersecurity (With Certificates)
- Cloud & Virtualization Basics
- Cybersecurity Fundamentals (Network Security, Firewall Configuration, etc.)
- DevNet Fundamentals
- WE School of Technology (No official certification, but hands-on experience)

Work Experience

Technical Training at WE School of Technology
Gained hands-on experience in networking and cybersecurity.
Worked with real routers and switches to build and configure networks.
Internship at Central Office (Telecom Egypt) (2 Training Sessions)
Assisted in configuring and troubleshooting network devices.
Learned about telecom infrastructure and security practices.
Conducted network security assessments and provided solutions.

Technical Skills

- Cybersecurity: Basic network security principles.
- Programming: Python.
- Software: Microsoft Office.
- Networking: Routing & Switching, VLANs, Subnetting, NAT, DHCP, OSPF, EIGRP, BGP

- Security: Firewall Configuration, Network Hardening, MITM Attack Simulation, SSL Stripping
- Cloud & Virtualization: Basic Cloud Concepts, Virtual Machines, VMware, Hyper-V
- Automation & Scripting: Python Basics for Networking
- Operating Systems: Windows, Linux (Ubuntu, Kali Linux), windows server.
- Tools & Technologies: Wireshark, Nmap,, Packet Tracer, GNS3, Arduino

Projects & Practical Work

- Small Network Protection System (WE School Project):
- Designed and Implemented a security system using an ESP Wi-Fi module, motion sensor, and Arduino programming .
- Developed and tested the project successfully as a school submission.
- Securing a Small Business Network: Implemented VLANs, firewall rules, and ACLs to protect network traffic.
- MITM Attack Simulation: Used Bettercap and SSL Stripping to demonstrate network vulnerabilities.
- Network Traffic Analysis: Used Wireshark to capture and analyze network packets for security auditing.
- Automating Network Configuration: Developd Python scripts for basic device configurations.

Soft Skills

- Problem-Solving & Analytical Thinking
- Adaptability & Quick Learning
- Time Management & Organization
- Security System with Arduino and ESP WiFi: Designed and implemented a protection system using a motion sensor, programmed for security alerts.

Additional Activities

- Member of Nassna Foundation, where multiple courses were taken in various fields.

Languages

- Arabic: Native.
- English: Very Good.