

AHMED ALTAIB

IT-NETWORK ENGINEER

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SUMMARY

An Information Technology graduate with a specialization in computer networks, possessing practical experience in cybersecurity and ethical penetration testing. Demonstrates intermediate proficiency in programming languages such as Python, C/C++, and others. Passionate about integrating artificial intelligence to enhance network performance, fortify security, and improve overall resilience.

PROJECTS

Advanced Network Penetration Testing and Hidden Network Exploration via Double Pivoting Techniques Oct 2024

This project focuses on ethical hacking methodologies to uncover hidden networks through double pivoting techniques. Using a simulated environment with Kali Linux, Windows machines, and Metasploit, the project demonstrated multi-level pivoting, network exploitation, and bypassing security barriers. Key tools like Nmap and ProxyChains were employed to simulate real-world attacks and evaluate countermeasures such as VLAN segmentation, ACLs, and port restrictions. The results provide strategic insights into strengthening network defenses against advanced lateral movement attacks.

EDUCATION

Bachelor of Science in Network Engineering Dec 2019 - Oct 2024

University of Tripoli

- Specialization in Network Engineering.
- Graduation Project "Advanced Network Penetration Testing and Hidden Network Exploration via Double Pivoting Techniques".

Network Engineering Training Course (CCNA-CCNP) Aug 2024

Completed comprehensive practical and theoretical training in Cisco Certified Network Associate (CCNA) and Cisco Certified Network Professional (CCNP) at Global Systems Company. The courses covered advanced networking concepts, including routing, switching, network security, and infrastructure design, providing hands-on experience in configuring and troubleshooting complex networks.

ADDITIONAL INFORMATION

- **Technical Skills:** C / C++, Python, java, Office, Cybersecurity
- **Languages:** Arabic, English (Intermediate).
- **Soft Skills:** Teamworking, Self-Learning, Project Management.