ESMAIL NOURALDEN

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Egyptian • Exemption from military service

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SUMMARY

A highly skilled network security specialist with expertise in network administration, Linux, FortiGate security, and Python for security applications developed a smart road security system for stolen car detection using AI.

PROJECTS

Smart Road Security System for Stolen Car Detection (Graduate Project)   Sep 2023 - Jun 2024
- Innovating an AI-based security system employing Raspberry Pi technology for real-time vehicle tracking and recovery.

Calculator Design Using Atmega32   Sep 2021 - Dec 2021
- Engineered a functional calculator demonstrating proficiency in embedded systems programming

Transistor Audio Amplifier Project   Feb 2022 - May 2022
- Successfully designed and implemented an audio amplifier circuit using Multisim software.

Sensor-Based Autonomous Vehicle   Sep 2022 - Dec 2022
- Developed a microprocessor-controlled car that navigates based on sensor input.

Antenna Signal Enhancement Initiative   Feb 2023 - May 2023
- Utilized CST Microwave Studio to design an antenna that significantly improves signal strength

EDUCATION

October University for Modern Sciences & Arts   Sep 2019 - Jul 2024

Bachelor of Engineering in Electrical, Communication, And Electronic Systems Engineering

GPA: 3.28

IT Gate Academy   Sep 2022 – Sep 2023

Diploma in Cybersecurity Engineering

Grade: Very Good

SKILLS

- **Security Tools:** Wireshark, Burp Suite, Metasploit, Kali Linux
- **Programming:** Python (Advanced), C (Advanced)
- **Security Technologies:** Firewalls (NSE4), Vulnerability Scanning
- **Operating Systems & Networking:** Windows Server, TCP/IP, DHCP, HTTP/HTTPS, FTP, SSH
- **Soft Skills:** Communication Skill, Analytical Problem-Solving, Team and Cross-Functional Collaboration, Technical Documentation and Reporting, Presentation Skill

COURSES

CCNA
- Configured and managed routers and switches in complex network environments.
- Gained hands-on experience in troubleshooting and network security protocols.

MCSA
- Administered DHCP, DNS, and Active Directory within Windows Server environments.
- Developed expertise in managing workgroups and ensuring network connectivity.

Linux Administration I
- Managed Linux systems, including file permissions, users, and services.
- Acquired skills in shell scripting and basic server administration tasks.

Python Programming for Security Applications
- Developed Python scripts for automating security tasks and vulnerability scanning.
- Gained experience in using Python for penetration testing and cybersecurity operations.

FortiGate Network Security Expert 4 (NSE4)
- Configured FortiGate firewalls for enhanced network security and intrusion prevention.
- Implemented secure VPN connections and monitored network traffic.

IBM QRadar SIEM Analyst Training
- Analyzed and managed security information and event data using IBM QRadar SIEM.
- Developed skills in threat detection, incident response, and security analytics.

OSCP
- Performed hands-on penetration testing in real-world scenarios.
- Gained in-depth knowledge of exploiting vulnerabilities and ethical hacking techniques.

CEH (Self-Study)
- Studied ethical hacking tools and techniques for system vulnerabilities.
- Developed knowledge in foot printing, scanning networks, and exploitation methods.

LANGUAGES

Arabic
- Fluent

English
- Intermediate