

Habiba Shemis

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Systems Engineer (Network & Security)

Penetration Tester / Ethical Hacker | Cybersecurity Engineer | Front-end Developer.

I'm a Cybersecurity student with hands-on experience in tools like Wireshark and Cisco Packet Tracer, exploring network security and system defense. At the same time, I'm passionate about web development with React.js, building responsive, user-focused applications. My goal is to integrate security expertise with modern development to create innovative, reliable, and secure digital solutions.

PROFESSIONAL EXPERIENCE

Internships

Digital Egypt Pioneers Initiative (DEPI)

07/2025 – present

- training program covering Networking (CCNA) and Cybersecurity (Fortinet) fundamentals.
- Hands-on labs in routing, switching, network security, and firewall configuration.
- Exposure to industry tools and best practices in securing enterprise networks.
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Huawei Certified ICT Associate (HCIA) trainee

02/2024

I successfully completed the HCIA-Datacom certification, gaining foundational knowledge in data communication technologies. Through the course, I learned about network fundamentals, routing and switching principles, and how to configure basic network devices.

Projects

Enterprise LAN Design & Configuration

- Designed and configured a small-to-medium enterprise network with VLANs, trunking, and inter-VLAN routing.
- Implemented static and dynamic routing protocols (RIP, OSPF, EIGRP) for connectivity.

WAN & Routing Implementation

- Built a multi-router topology using OSPF to ensure scalable and efficient routing.
- Configured NAT, ACLs, and DHCP for secure and automated IP address allocation.

Network Troubleshooting Lab

- Diagnosed and resolved connectivity issues using ping, traceroute, and debug commands.
- Applied systematic troubleshooting methodologies to restore full functionality.

EDUCATION

Egypt-Japan University of Science and Technology

oct 2023-jul 2027

bachelor of science in computer science ,network and cybersecurity

PROFESSIONAL SKILLS

- Implementation of routing protocols (**OSPF, RIP, EIGRP, static routes**).
- LAN/WAN design and configuration (routers, switches, VLANs, trunking, inter-VLAN routing).
- Firewall configuration and policy management (**Fortinet FortiGate**).
- Cisco Packet Tracer, Huawei eNSP, and Fortinet FortiGate Firewall.
- Version control with Git/GitHub for project management.

VOLUNTEER EXPERIENCE

Bibliotheca Alexandria — Volunteer

07/2025 – PRESENT

Non-Profit Organization

- Assisted in organizing and managing book fairs and literary events, supporting smooth coordination and visitor engagement.
- Facilitated educational workshops for children, promoting creativity, reading habits, and interactive learning.
- Collaborated with staff and fellow volunteers to ensure a welcoming and enriching experience for participants.

LANGUAGE COMPETENCIES

- Arabic: native language
- English: fluent (speaking, reading, writing)