Huda Medoukh

Cyber Security Engineer
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SUMMARY

Cybersecurity Engineer with a background in Web Development. Interested in Application Security, with a growing knowledge of web security, vulnerability assessment, and penetration testing. Passionate about combining software development and cybersecurity to build secure and reliable applications.

EDUCATION

University College of Applied Sciences (UCAS) Sep 2022 – Oct 2026
B.Eng. in Cyber Information Security Engineering | GPA: 92.54% *Gaza, Palestine*
University College of Applied Sciences (UCAS) Oct 2020 – Jul 2022
Diploma in Web Design and Development, GPA 96.81% *Gaza, Palestine*

TRAINING

Cybersecurity Trainee Sep 2026 – Nov 2026
Green Armor Academy
- Completed hands-on cybersecurity training focused on penetration testing, covering practical security concepts and techniques through assignments and Capture The Flag (CTF) challenges.
- Conducted an authorized vulnerability assessment of a real-world website using information-gathering and security testing tools to identify common vulnerabilities.
- Documented assessment findings and supporting evidence in a professional report without exploiting identified vulnerabilities.

Laravel Developer Trainee Feb 2022 – May 2022
Atyaf Company
- Completed hands-on PHP and Laravel training through assigned tasks, independent research, and Laravel courses.
- Collaborated with a team to develop an employee management system using Laravel.

PROJECTS

sysRAD – Ransomware Detection System Github link
Bachelor's Graduation Project *Machine Learning, Behavioral Analysis,python*
- Build an early ransomware detection system based on behavioral analysis and machine learning
- Achieved 96.5% accuracy with detection time under 30 seconds

Private School Management System Github link
Diploma Graduation Project *PHP, Laravel, MySQL*
- Developed a web-based school management system with dedicated dashboards for administrators, teachers, students, and parents
- Implemented features for managing students, teachers, classes, subjects, attendance, grades, salaries, and student fees
- Built database-driven features using MySQL to manage academic and administrative records

SKILLS & TOOLS

Cybersecurity: OWASP Top 10, Vulnerability Assessment, Penetration Testing, Malware Analysis

Security Tools: Burp Suite, Nmap, Wireshark, Metasploit, OWASP ZAP, SQLmap

Programming & Scripting: Python, Bash, PHP, JavaScript

Web Development: Laravel, RESTful APIs,Vue.js, jQuery, HTML, CSS, Bootstrap, WordPress

Networking & Systems: TCP/IP, Firewalls, IDS/IPS, Linux, Windows

Databases: MySQL, SQL Server, Oracle Database, SQL

Languages: Arabic (Native), English

ACHIEVEMENTS

UCAS CTF (CyberTalents) July 2023
Team Leader, "Threat Hunters" *4th place*
We solved challenges across web security, malware reverse engineering, open-source intelligence (OSINT), and Encryption.