Adham Ashraf Ahmed

Penetration Tester

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🔗 https://www.linkedin.com/in/adhaamashraf/

👤 https://0xstr4nge.github.io/portfolio/

Profile

Computer Science and Engineering student with a strong focus on penetration testing and ethical hacking. Skilled in tools like Burp Suite, Nmap, and Metasploit, work comfortably across Linux and Windows environments. With solid knowledge of programming, networking, and web technologies, aim to identify and exploit vulnerabilities to improve system security.

Education

Bachelor of Computer Science and Engineering, *Ahram Canadian University* — 08/2022 – 06/2027

Penetration Testing and Vulnerability Analysis Diploma, — 06/2025 – 12/2025
Digital Egypt Pioneers Initiative

Cisco Certified Network Associate, *National Telecommunication Institute* — 04/2025 – 07/2025

Professional Experience

Fundamentals of infrastructures, systems, applications, and cyber security, — 07/2024 – 08/2024
Ministry of Communications and Information Technology (MCIT)
Delved into different topics like, Networking, Data Centers, and Cybersecurity

Fundamentals of Cybersecurity, *British University in Egypt (BUE)* — 08/24 – 08/24
Utilized several Hacking tools like Burp Suite, Metasploit Framework, and Nmap to exploit and find vulnerabilities in web applications

Courses

CCNA, *National Telecommunication Institute* — 04/2025 – 07/2025
Routing and switching, IP Subnetting, Security Fundamental, and Wireless LAN Controllers

C++ & OOP, *Beta Academy* — 06/2023 – 07/2023
C++ syntax, Object Oriented Programming

Embedded Systems, *Beta Academy* — 06/2023 – 07/2023
Utilization of microcontrollers for several projects

MATLAB, *Beta Academy* — 06/2023 – 07/2023
MATLAB syntax

Skills

Technical Skills

- penetration testing, vulnerability analysis
- Python, C++, Bash
- HTML, CSS, JavaScript, MySQL
- Kali, Ubuntu Linux, Windows OSs
- Wireshark, Burp Suite, Nmap, Metasploit, ffuf, dirb, curl, gobuster

Soft Skills

- Self-motivated
- Curiosity
- Attention to details
- Critical thinking

Language Skills

- Arabic: Native
- English: Advanced

Projects

Student Grading System   07/2023 – 07/2023

Developed a C++ program to manage student records, calculate grades, and generate performance reports.

Efficiency Analyst Software   06/2023 – 07/2023

Built a Python tool to analyze and optimize task execution times, providing efficiency insights.

Online Library System   06/2023 – 07/2023

Created a database-driven system for book cataloging, borrowing, and user management.

Bus Ticket Booking System   06/2023 – 06/2023

Designed a ticket reservation system with seat allocation and booking history features.

Full Metropolitan Area Network   06/2025 – 07/2025

Engineered a simulated MAN topology with routing, switching, and subnetting to ensure connectivity and scalability.