

Youssef Mohamed Emira

penetration tester Cairo, Egypt

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Aspiring cybersecurity professional passionate about application, Android, and network penetration testing. Actively enhancing skills through labs and bug bounty programs, eager to gain practical experience and expand knowledge in real-world scenarios.

Education

Helwan University

Jan 2021 - Sep 2026

Bachelor of Communication and Information Engineering

GPA 3.01

Work Experience

Trainee - HCIA-Security -Full-time

Jul 2024 - Aug 2024

[NTI and Huawei](#) |Cairo

full-time training focused on network security, firewall technologies, intrusion detection, and security management.

Achieved comprehensive understanding of enterprise-level security solutions by dedicating over 100 hours to HCIA-Security certification preparation, resulting in enhanced skills for identifying potential vulnerabilities within network infrastructures.

Application penetration tester intern – Full-time

2024-8 – 2024-10

[We Innovate](#)– Hybrid |Cairo

Completed comprehensive training in application penetration testing, focusing on both web and Android platforms. Developed skills in identifying, analyzing, and mitigating security vulnerabilities.

- . Web Application Security: Gained expertise in OWASP Top 10 vulnerabilities, including SQL Injection, XSS, CSRF, and broken authentication. Proficient in reconnaissance, vulnerability analysis, exploitation, and reporting.
- . Android Application Security: Acquired knowledge in static and dynamic analysis, reverse engineering, and identifying common Android-specific vulnerabilities such as insecure data storage and improper cryptography implementation. Hands-on experience with tools like APKTool, JADX, and Drozer.
- . Tools & Techniques: Practical experience with security tools including Burp Suite, OWASP ZAP, Nmap, and SQLmap for web applications, and APKTool, JADX, and Drozer for Android applications.

Courses &certificates

- . **Google Cybersecurity Career Certificates** [Credential](#)
 - o Foundations of Cybersecurity
 - o Play It Safe: Manage Security Risks
 - o Connect and Protect: Networks and Network Security
 - o Tools of the Trade: Linux and SQL
- . **eJPTv1 Prep -NETRIDERS.ACADEMY #3d55cacde006cd48**
- . **Python 101 -TCM-academy** [studied](#).
- . **PEH(practical ethical hacking)** [studied](#)
- . **CCNA Security Cisco Certified Network Associate Security** [studied](#)
- . **MCSA (Microsoft Certified Solutions Associate)** [studied](#)
- . **HCIA-Security V4.0** [intern](#)
- . **Mahara tech certificates**

- Introduction to Network Security (Sept 2024) – Code: NaJIZPAVA7
- Computer Network Fundamentals (Aug 2024) – Code: xuTXMXh4Cd
- Cybersecurity for Beginners (May 2024) – Code: SEPYgoD72N
- Python Programming Basics (May 2024) – Code: IwangmTHo4
- Cyber Security for All (May 2024) – Code: 6sOpEdXDKX
- Network Virtualization Concepts (May 2024) – Code: aeWRaVecbW
- Red Hat System Administration I (May 2024) – Code: 2hQGCNwj5z
- Cloud & Virtualization Concepts (May 2024) – Code: ULgRn1tXS5
- Ethical Hacking (Aug 2023) – Code: 1BulxGTJpG
- Implementation of Computer Network Fundamentals (Aug 2023) – Code: BIICoZ8mEK

Technical Skills

- Web Development: PHP, JavaScript (JS), HTML, MySQL
- Programming Languages: C++, Assembly, Python
- Operating Systems: Linux, Windows
- Web Application Security: Knowledge of web application security vulnerabilities
- Penetration Testing: Web Penetration Testing, Android Penetration Testing, Network Penetration Testing
- Penetration Testing Tools: Metasploit, Nessus, Burp Suite, Nmap, Nikto, OWASP ZAP, Hydra, sqlmap, Aircrack-ng, Wireshark, and other tools
- Network Security: Building network topologies, Firewall configuration
- JavaScript Analysis: Analyzing JS files
- Source Code Reviewing: Reviewing and analyzing source code for vulnerabilities and security issues
- Active Directory Attacks: Experience with Active Directory attacks
- Privilege Escalation: Hands-on experience with Linux and Windows privilege escalation using various techniques
- Report Writing: Writing and reviewing penetration testing reports
- Android applications Penetration Testing
- Blue Teaming: Familiar with Blue Teaming practices

Publications & Projects

- **Medium:** [medium](#) – Articles and study notes on cybersecurity and related topics.
- **GitHub:** [GitHub](#) – Repository of projects, scripts, and research related to cybersecurity.