**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](https://www.coursera.org/user/8185170cc417966b587d5935f33db2c4)

### Foundations of Cybersecurity

### Play It Safe: Manage Security Risks

### Connect and Protect: Networks and Network Security

### 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: NaJlZPAVA7
  + 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](https://medium.com/@youssefemira1)– Articles and study notes on cybersecurity and related topics.
* **GitHub:** [GitHub](https://github.com/joeemira) – Repository of projects, scripts, and research related to cybersecurity.