



OMAR EL HOUMADI

Offensive Security Penetration Tester

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PROFILE SUMMARY

1337, 42 Network CS Graduate, Specialized in offensive security with a focus on Web Application Security, Active Directory Security, Red Teaming, and adversary simulation. With hands-on experience in web app vulnerabilities and an enthusiasm for Red Teaming, I leverage penetration testing and vulnerability assessment to fortify digital landscapes. Passionate about emulating real-world cyber threats.

EDUCATION

Self-Educated (Driven with Passion)

Oct 2019 - Oct 2022

- Driven by a passion for cybersecurity, I quickly developed expertise in Network and Web App Pentesting, along with a strong understanding of Networks, Cryptography, and related attacks. I gained proficiency in technologies like C, C++, PHP, Python, and Django, while also creating simple web and mobile apps. I honed my skills through real-world Capture The Flag (CTF) competitions and bug bounty programs, focusing on web vulnerabilities and applying hands-on knowledge to uncover real-world security flaws.

Mohammed VI University 1337 Coding School | 42 Associate degree

Oct 2022 - Dec 2024

Benguerir, Morocco

- IT training in Information security, programming, networking, and more.
 - Developed a mini-shell using C system calls, gaining system-level programming experience.
 - Explored system administration by securing virtual servers (SELinux, AppArmor), setting up crontab jobs, and enforcing strong security policies.
 - Worked on software engineering projects with a focus on memory management and coding standards.
 - Engaged in networking, DevOps, containerization, multithreading, and socket programming.
 - Experienced in collaborative teamwork on multiple projects at 42.

TECHNICAL SKILLS

Penetration Testing & Vulnerability Assessment:

- External & Internal Penetration Testing
- Web Application Pentesting (SSRF, XXE, IDOR, SSTI, SQLi, XSS, CSRF, JWT Attacks, and so on..)
- Vulnerability Discovery and Exploitation (chaining vulnerabilities for maximum impact)
- Analyze and provide a detailed technical report, which will help reproduce the findings
- Exploit Development & Post-Exploitation Techniques
- Social Engineering (Phishing, Pretexting)

Programming & Scripting Languages:

- Python, Bash, PowerShell (for automation and exploit scripting)
- C, C++, PHP, JavaScript (for vulnerability analysis and custom exploits)

TECHNICAL SKILLS

Offsec Skills

- Web Exploitation and Security
- API Testing
- Attacking Active Directory
- Windows Based Attacks
- Windows Internals / Win32 API

SIEM / SOC

- Elastic Search (ELK)
- Prometheus
- Splunk
- Wazuh

PROFESSIONAL SKILL

- Problem-Solving & Analytical Thinking
- Adaptability
- Team-Work
- Risk Management

LANGUAGES

- **English:** B2, Good
- **French:** Intermediate
- **Arabic:** Native Speaker