Farouq Hassan — Junior Penetration Tester / Offensive Security Analyst

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PROFESSIONAL SUMMARY

Junior Penetration Tester with hands-on experience performing authorized web, network, and infrastructure security testing in R&D and controlled environments. Strong in reconnaissance, exploitation validation, Docker-based attack simulation, and professional reporting, aligned with OWASP Top 10, PTES, and Hack The Box CPTS/CWES methodologies. Proven ability to translate technical findings into clear risk and remediation guidance.

PROFESSIONAL EXPERIENCE

Security Assurance & Defensive Validation Apprentice
Special Communications Commission – Jordan Armed Forces (SCC-JAF) | Oct 2025 – Present
- Conducted authorized penetration testing on 10+ internal web, server, and network assets.
- Identified and validated 20+ security vulnerabilities, including authentication weaknesses and service misconfigurations.
- Built Docker-based attack labs to safely replicate targets and validate exploitation before reporting.
- Produced clear penetration testing reports with PoCs and remediation guidance.

National Cyber Security Center – Jordan (NCSCJO) | Oct 2025 – Dec 2025
- Completed 20+ offensive security labs focused on reconnaissance, exploitation, and post-exploitation.
- Executed controlled exploitation workflows using Metasploit and manual techniques.
- Documented findings with emphasis on impact and reproducibility.

Library Assistant – HTU | Apr – Sep 2025
- Demonstrated reliability, accuracy, and communication in a high-volume environment.

SIGNIFICANT PROJECTS

Full-Scope Penetration Testing & Exploitation Labs
- Executed end-to-end penetration testing including exploitation, privilege escalation, pivoting, and post-exploitation.
- Developed custom buffer overflow exploits and bypassed DEP/ASLR/SafeSEH.
- Exploited web vulnerabilities (SQLi, XSS, file upload, RCE) to achieve full compromise.
- Documented attack paths, PoCs, and remediation guidance.

Malware Analysis & Reverse Engineering
- Performed static and dynamic analysis of backdoor malware in isolated lab environments.
- Identified persistence, anti-analysis techniques, and C2 behavior.
- Patched binaries to safely simulate execution and extract IoCs.
- Produced technical analysis and mitigation recommendations.

Applied Cryptography & Secure Communications
- Implemented Meet-in-the-Middle attack on 2-DES, reducing keyspace from 2^{112} to 2^{57}.
- Demonstrated ECB vs CBC weaknesses through image encryption.
- Built secure messaging using RSA, DES, and digital signatures.

Security Design & Risk Analysis
- Designed security-first systems implementing password hashing, brute-force protection, role-based access, and audit logging.
- Conducted quantitative FAIR risk analysis for a phishing incident, estimating ~$1.2M/year risk reduction after control implementation.

EDUCATION

Bachelor's Degree in Cybersecurity, HTU | Al Hussein Technical University | Expected Graduation: June. 2026 | Oct. 2021 – Present

CERTIFICATES

- Certified Defensive Security Analyst (CDSA) – Hack The Box | 2025
- Certified Web Security Expert (CWSE) – Hackviser | 2025
- Certified Associate Penetration Tester (CAPT) – Hackviser | 2025
- Nutanix Certified Associate (NCA) v6 – Nutanix | 2025
- Certified Penetration Testing Specialist (CPTS) – Hack The Box | Expected 2026
- Certified Web Exploitation Specialist (CWES) – Hack The Box | Expected 2026
- CompTIA Security+ (SY0-701) | Expected 2026
- Cisco CCNA (200-301) | Expected 2026

SKILLS

Offensive Security & Penetration Testing: Web, network, and infrastructure penetration testing, OWASP Top 10
Reconnaissance & Enumeration: Nmap, subdomain enumeration, service discovery, attack surface mapping
Web Exploitation: SQLi, XSS, IDOR, file upload, authentication & authorization testing
Exploitation & Post-Exploitation: Metasploit, privilege escalation (Linux/Windows), pivoting
Exploit Development: Buffer overflows, DEP/ASLR/SafeSEH bypass (lab environments)
Tooling: Burp Suite, SQLmap, ffuf, Gobuster, Hydra
Methodologies & Reporting: PTES, Hack The Box CPTS, PoCs & remediation-focused reports
Soft Skills: Teamwork & Collaboration, Team Leadership, Strategic Planning, Problem-Solving, Attention to Detail, Critical Thinking

ACHIEVEMENTS & LEADERSHIP

Top 10 / 300 – NCSCJO Cybersecurity Bootcamp | 2024
1st Place (Temporary Leaderboard) – HTU Cybersecurity CTF | 2024
HTU Admission & Registration Volunteer: Guided 400+ students, resolving ~90% of inquiries | Jan 2024 – Present
Team Leader – SPARK Project: Led a 6-person team; validated $1.65M market potential | Oct 2024 – Feb 2025