KYSER J. CLARK – Penetration Tester

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Secret Security Clearance | Relocatable | United States Air Force Veteran

Career Summary

- Cybersecurity professional with 5+ years of enterprise experience specializing in offensive security, ethical hacking, penetration testing, and red teaming; proficient in finding and exploiting security vulnerabilities.

- Credentials include BS in Cybersecurity, 11 certifications (including OSCP, CISSP, eJPT, PenTest+, CEH, CySA+, CCNA, Cloud+, Linux+, Security+, and Network+), and high leaderboard rankings in capture the flags (CTFs).

Professional Experience

Penetration Tester & Security Consultant – DOD SkillBridge Internship   October 2023 – Present
TrustFoundry **–** United States (Remote)

- Performed internal and external network penetration tests for four clients using manual and automated techniques to find 71 meaningful and verifiable findings across 513 systems/servers.

- Conducted two thorough web application assessments on three APIs to find 20 findings; performed cross-site scripting (XSS), Structured Query Language (SQL) injection (SQLi), and cross-site request forgery (CSRF) attacks.

- Expertly operated industry-standard tools and techniques (Kali Linux, Nmap, Burp Suite Professional, Metasploit, Mimikatz, Impacket, Nuclei, Amass, CrackMapExec, Responder, Nessus, Shodan) against 516 systems/servers.

- Wrote and delivered eight clear and concise timely reports, providing clear insights and actionable mitigation strategies for all clients; peer-reviewed three more penetration test reports before delivering to customers.

- Leveraged automation, programming, and scripting skills (Python, Bash, PowerShell, C, C#, VBA, PHP, JavaScript) by coding seven new scripts on the fly during live tests to automate tasks and streamline data parsing.

- Identified and exploited 80 vulnerabilities in Windows and Linux systems/servers, enhancing system security.

- Applied comprehensive knowledge of methodologies and frameworks (OWASP, PTES, MITRE ATT&CK, Cyber Kill Chain, NIST, ISO, PCI-DSS) across nine penetration tests and web application assessments.

- Developed sophisticated exploits and executed advanced chained/multi-staged attacks during 100% of tests.

Cyber Defense Operations (1D771) – Active Duty   April 2018 – Present
United States Air Force **–** Worldwide

- Led comprehensive vulnerability assessment, identifying and remedying 105 security vulnerabilities, reducing security risk by hardening a server supporting 1,500 Air Mobility missions.

- Directed the Global Air Transportation and Execution System (GATES), providing seamless support to 150 workstations and facilitating secure operations for 183 users as the lead system administrator.

- Managed and mitigated six classified message incidents, ensuring prompt sanitization of secret data leaks across 57 systems and contributing to the success of 15,600 Pacific Air Force missions.

- Facilitated security operations by coordinating workflow among seven work centers, resulting in the timely resolution of 5,000 trouble tickets within a two-year period.

- Ensured uninterrupted network connectivity for 8,000 network devices supporting 43 F-16 fighter aircraft, playing a pivotal role in bolstering North Korean nuclear deterrence efforts.

- Orchestrated unit (organization) information technology (IT) asset program, inventorying and tracking 400 items valued at $600,000 across six facilities, ensuring optimal resource utilization and security.

Penetration Tester & Security Consultant – Contract   August 2023
TrustFoundry **–** United States (Remote)

- Led vulnerability assessment of Barracuda and Azure firewalls on a client's production network, identifying 34 vulnerabilities; devised and delivered strategies to enhance and secure network traffic.

Education

Master of Science (MS) in Cybersecurity Management and Policy (WIP)   (Projected) February 2025
University of Maryland Global Campus (UMGC)

Bachelor of Science (BS) in Cybersecurity Management and Policy   August 2023
University of Maryland Global Campus (UMGC)
Minor in Business Administration | Honors: Cum Laude

Professional Certifications

OffSec Experienced Penetration Tester (OSEP) (WIP)

OffSec Certified Professional (OSCP)

ISC2 Certified Information Systems Security Professional (CISSP)

INE Security Junior Penetration Tester (eJPT)

CompTIA Network Security Professional (CNSP)
Security+ / PenTest+ / Cybersecurity Analyst (CySA+)

EC-Council Certified Ethical Hacker (CEH)

Cisco Certified Network Associate (CCNA)

CompTIA Secure Cloud Professional (CSCP)
Security+ / Cloud+

CompTIA Linux Network Professional (CLNP)
Network+ / Linux+

Capture the Flags (CTFs) & Content Creation

Hack The Box (HTB) and TryHackMe (THM) Player/Content Creator

- Pwned 42 HTB machines and mastered 216 THM rooms, securing top leaderboard rankings on both platforms.

- Authored four machine writeups on personal blog website and created 30 YouTube video walkthroughs.