Kellan Jones

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PROFESSIONAL SUMMARY

Cybersecurity specialist at DHS with experience in vulnerability assessment, reverse engineering, network security, network administration and cyber policy. Experienced in communicating detailed reports to the C-suite level to guide risk-based decisions. Engineering cyber resilience acquisition policy to support the DHS Enterprise. Integrating strong enterprise risk management and incorporating cyber compliance requirements to the DHS Enterprise.

SKILLS

Penetration Testing

- AD Tools - BloodHound, ADExplorer, PowerView
- Password Cracking - Hashcat, Hydra, Medusa
- Privilege Escalation - Winpeas, Psexec, Seatbelt
- Persistence - Evil-WinRM , PowerUp, Mimikatz
- Scripting - PowerShell, Python, Bash
- Threat Modeling - NIST CSF, NIST 800-37, MITRE
- Vulnerability Scanning - Nmap, Nessus, Nikto
- Exploitation - Metasploit, Empire, CME

CERTIFICATIONS

- GIAC Certified Forensic Analyst (GCFA)   (In Progress)
- Certificate in Cloud Security Knowledge (CCSK)   December 2024
- GIAC Certified Penetration Tester (GPEN)   August 2024
- Practical Malware Researcher Professional (PMRP)   February 2024
- CompTIA Security+   April 2023
- CompTIA Network+   January 2023
- CompTIA A+   September 2020

EDUCATION

Bachelor of Science in Cybersecurity, Regent University, Virginia Beach, VA   May 2025
- **GPA:** 3.6

RELEVANT EXPERIENCE

Cybersecurity Specialist, U.S Department of Homeland Security   January 2023-Present
- Collaborating with components across DHS to assess enterprise cyber risk management for major programs
- Implementing cyber resiliency in major acquisitions across DHS programs to shift cyber to the left
- Communicating cyber risk memos from programs informing the CISO of programmatic cyber risk
- Assisted in developing a unified assessment framework identifying overlapping controls in assessments
- Helped implement the first DHS Generative AI Security Awareness training for the enterprise

System Administrator, SPS ARS Aerial Remote Sensing, El-Paso, TX   December 2021-January 2023
- Conducted NIST 800-171 compliance assessments under DFARS 252.204-7020
- Designed network topologies using Visio and mapped system controls to 800-171 compliance
- Deployed endpoint security and hardened 30+ Linux and Windows systems
- Collaborated with the development team on software and hardware planning for systems
- Tailored incident response and disaster recovery policies and strategies for systems

PROJECTS

Ludus Cyber Range
- Provisioned and deployed Proxmox and the Ludus cyber range to create a simulated enterprise environment
- Utilized the Game of Active Directory (GOAD) environment to practice penetration testing
- Executed common attacks on Active Directory such as Kerberoasting, Pash the Hash, DCSync, and other attacks
- Deployed FlareVM to analyze malware samples to understand systems Indicators of Compromise (IoC's)
- Conducted threat emulation and detection engineering exercises using Sysmon, metasploit, and Yara rules