

Caleb M. Lemmons

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SUMMARY

Cybersecurity analyst with hands-on experience in network security, cloud infrastructure protection, and incident response. Skilled in mapping, configuring and securing enterprise environments with tools including InsightVM, FortiGate, Splunk, AlienVault, and Microsoft Azure Defender (EDR). Experienced in evaluating cybersecurity risks and applying regulatory frameworks (NIST 800-53 and RMF) in hybrid and cloud environments. Well-rounded communicator, adept at translating technical risks into actionable insights for diverse stakeholders. U.S. citizen familiar, Security+ certified, and eligible for clearance.

EXPERIENCE

Multi-State Lottery Association | *Information Security Intern* *Urbandale, IA* **May 2024 – Aug 2024**

- Contributed to risk-informed decision making through the audit and revision of 10+ security policies and procedures to align with NIST CSF and 800-53, enhancing policy coverage and threat detection capabilities in a regulated environment
- Reviewed SOC 2 reports and vendor documentation and used ServiceNow to support supply chain risk assessments while tracking tasks across operations
- Developed and delivered executive-level security awareness training, including a deepfake-based social engineering simulation, to improve real-world phishing and spoofing detection for 15+ stakeholders
- Authored business continuity plans and policy documents and contributed to System Security Plan in alignment with NIST RMF
- Validated FortiGate firewall configurations, remediating misconfigurations to block 100+ unauthorized traffic events

Hexagon PPM | *Research & Development Security Intern* *Houston, TX* **Jul 2022 – Sep 2022**

- Monitored OT/ICS network traffic within SCADA systems using Cyber Integrity to identify anomalous behavior and detect potential lateral movement or insider threats
- Gained hands-on insight into OT vs. IT security distinctions by analyzing ICS processes and traffic
- Revised 50+ training and SOP materials to reinforce alignment CIS 18 controls

EDUCATION

Iowa State University | *Cybersecurity Engineering B.S.* *Ames, IA* **Aug 2024 – Dec 2024**

Red/Blue Team Simulation

- Configured pfSense firewalls and ran OpenVAS scans to defend machines while launching offensive operations against peers
- Used Nmap, Metasploit, and enumeration techniques to exploit SMB and RDP vulnerabilities, simulating adversary TTPs

Senior Design – CyEscape

- Led a team of 5 in designing and developing a cybersecurity game to educate users based on OWASP Top 10 vulnerabilities
- Integrated hands-on cybersecurity exercises within the game to improve user understanding of real-world threats

Digital Forensics Class

- Performed disk image analysis using Ghidra and IDA Pro to reverse engineer binaries and identify embedded malware
- Performed forensic analysis of system artifacts, registry data, and logs to support investigations and evidence collection

PERSONAL PROJECTS

SOC Tier I Triage Simulation | *Personal Projects*

- Simulated Tier I SOC workflows using MITRE ATT&CK and Cyber Kill Chain; triaged 50+ alerts, performed threat correlation, and documented 10 incidents using incident tracking templates
- Closed 40+ false positives and escalated 10 actionable incidents, documenting findings using SOC-style incident tracking

Azure Cloud Security Lab | *Personal Projects*

- Built multi-VM lab environment using Azure Blob Storage and VMs simulating real enterprise architecture
- Configured Microsoft Defender for Endpoint (EDR) across VMs and simulated adversarial activity using Kali to validate telemetry

SKILLS

- **Core Competencies:** Network Security, Vulnerability Assessment, Incident Response, Policy Development, Compliance
- **Tools & Tech:** Azure, AWS, AlienVault, Splunk, Wireshark, BurpSuite, InsightVM, Fortinet, ServiceNow, IDA Pro, Office365
- **Programming/Scripting:** Python, C++, SQL, Bash, PowerShell, Java
- **Soft Skills:** Detail Oriented, Problem Solving, Teamwork, Project Management
- **Clearance:** U.S. Citizen | DoD 8570 IAM II Compliant

CERTIFICATES

- CompTIA Security+ (Apr 2025)
- Antisyphon – CIS 18 Auditing (Apr 2025)
- Google Cybersecurity Prof. (Mar 2024)
- Antisyphon – Human Factor in AI Security (May 2025)
- Antisyphon – Rapid Endpoint Investigations (May 2025)
- AZ-900 - Azure Fundamentals (May 2025)