

William Houston Martin

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SUMMARY

Motivated cybersecurity professional with hands-on experience building and defending a complete home-based Security Operations Center (HSOC). Skilled in Windows, Linux, Active Directory, SIEM tools, firewalls, vulnerability scanning, and incident response. Passionate about Blue Team operations and producing measurable, documented results.

TECHNICAL SKILLS

Security Tools: Wazuh, Splunk, Nessus, Nmap, Wireshark

Systems: Windows Server 2025, Windows 11, Kali Linux, Ubuntu

Networking: VLANs, pfSense firewall

Endpoint Security: GPOs, BitLocker, SSH hardening, OS patching

Virtualization: Oracle VirtualBox

Frameworks: NIST CSF, NIST 800-61, MITRE ATT&CK, CIA/AAA

Scripting: PowerShell basics

CYBERSECURITY PROJECTS

Home Defense-in-Depth Security Architecture

- Designed and implemented a full 7-layer security model for WilliamIndustries.
- Documented physical, perimeter, network, endpoint, application, and data controls.

- Configured router firewall, segmentation, and pfSense filtering to prevent lateral movement.
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Active Directory & Host Hardening Lab

- Deployed Windows Server 2025 → Installed AD DS → Created users & groups.
 - Applied GPO controls (password policy, lockout, auditing).
 - Configured BitLocker and Linux SSH hardening.
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SIEM Deployment & Monitoring (Wazuh + Splunk)

- Installed Wazuh Manager and enrolled Windows & Linux agents.
 - Built Splunk dashboards for authentication events and host activity.
 - Created File Integrity Monitoring rules and tuned noisy alerts.
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Vulnerability Management Pipeline

- Experience with Nessus Essentials.
 - Performed baseline scans, documented critical findings, patched systems, rescanned, and validated remediation.
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Incident Response Playbook

- Created enterprise-style IR playbook with classification, MITRE mappings, and step-by-step containment workflow.

EDUCATION

Alabama Cybersecurity Fellowship – 7-Week HSOC Program
(Projects mapped in your Google Sites portfolio)

SOFT SKILLS

- Documentation discipline
- Analytical thinking
- Team communication
- Problem-solving
- Continuous learning mindset