

# 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.

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## 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

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## 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)

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## SOFT SKILLS

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