

# HOUSTON JONES

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• [Portfolio](https://hjones360.github.io/My\_Portfolio/)

## EDUCATION

Cybersecurity and Information Assurance, B.S. Western Govern University	2025
Associate Of Applied Science, Augusta Technical College	2025
Security +	2023
CySA+	2024
Cloud +	2023
AWS Cloud and AI Practitioner	2024
Google Cloud Practitioner	2024
SOC Level 1&2	2025

## Professional Summary

Offensive and defensive cybersecurity professional with hands-on education in penetration testing, SOC operations, and cloud-based threat detection. Adept in scripting, exploit simulation, and real-world red/blue team environments. Currently pursuing a B.S. in Cybersecurity and seeking a role where I can contribute to enterprise security posture through proactive testing and continuous monitoring.

## Skills

- **Threat Intelligence & Incident Response:**  
Threat Intelligence Platforms, Behavioral Analysis, Malware Investigation, Cyber Kill Chain
  - **Vulnerability Management & Risk Assessment:** Nessus, Vulnerability Scanning, Penetration Testing
  - **Programming:** Python, JavaScript, HTML, CSS, Flask, SQL, Docker, SOAP
  - **Front-End Development & UI/UX:** HTML5, CSS3, JavaScript, Responsive Web Design, DOM Manipulation, AOS Animation Library, Font Awesome, Media Queries,
- **SOC Operations & Network Security:** SIEM (Splunk, Sentinel), Log Analysis, Network Traffic Monitoring, Packet Analysis
  - **Tools & Technologies:** Security Onion, pfSense, Metasploit, Nmap, Wireshark, Sysmon
  - **Soft Skills:** Team Leadership, Cross-Functional Collaboration, Reporting & Strategic Recommendations
  - **Web Development Projects:** GitHub Pages Deployment, Version Control with Git, Browser Compatibility, Mobile Optimization,

## Work History

### Home Theater Agent, 07/2022 to Current

#### Geek Squad – Conyers, GA

- Diagnosed and resolved recurring network connectivity and hardware integration issues in residential and small business environments, improving first-time resolution rates by 30%.
- Installed and configured security cameras, smart home systems, and mesh Wi-Fi networks, ensuring secure and optimized configurations based on client needs.
- Delivered on-site customer education and system walkthroughs, reducing follow-up support requests by 25% through proactive issue prevention.
- Collaborated with internal teams to identify root causes of repeat service issues and recommend process updates to improve team efficiency and documentation accuracy.
- Maintained detailed service logs and technical notes to support ongoing operational improvements and knowledge sharing.

### SOC Analyst Project Lead, 01/2025 to 05/2025

#### Augusta Technical College – Augusta, GA

- Spearheaded a team of 3 in the design and implementation of a SOC environment, incorporating two geographically separate networks connected via IPSec tunnels.
- Managed the deployment of key security tools including Nessus, pfSense, Security Onion, and SIEM solutions for vulnerability management, log analysis, and network monitoring.
- Led incident response efforts using Security Onion for alert triage, case creation, and threat hunting activities, successfully identifying and mitigating several security incidents.
- Oversaw the development and enforcement of security policies, including patch management and firewall rules to strengthen defense postures across all devices.
- Conducted vulnerability assessments using Nessus and provided actionable reports to improve system configurations and network security.
- Established a patch management strategy using Task Scheduler to automate system updates and ensure ongoing security compliance.

### Operator Technician / Short Film Director

#### Pacific Century – Atlanta, GA | 07/2024 – 05/2025

- Led technical coordination across editing suites and hardware/software tools, resulting in a 15% reduction in downtime during post-production.
- Standardized deployment workflows for small technical projects, increasing team alignment and speeding up average project completion by 10 hours per cycle
- Served as the technical point-of-contact for cross-functional creative teams, communicating system specifications, limitations, and solutions clearly to non-technical collaborators
- Identified and resolved system compatibility issues across content production tools, enabling smoother transitions between project phases.

## **Cybersecurity Intern**, 05/2024 to 08/2024

### **Cyber Allegiance** – Online

- Developed and versioned a deliberately vulnerable Flask web application, simulating real-world vulnerabilities to test secure coding practices and enhance the security posture of web applications.
- Implemented defensive measures including password hashing, input validation, and file upload restrictions.
- Conducted reconnaissance, exploitation, and post-exploitation activities during penetration testing simulations, identifying critical vulnerabilities and suggesting remediation strategies.
- Automated notifications and system processes using Python, Task Scheduler, and Discord Webhooks to enhance operational efficiency and monitoring capabilities.

## **CSR, Data Entry Stericycle Communication Solutions, Remote - April 2020 - March 2022**

- Conducted data integrity checks, reported trends, and managed workflows for cloud-based SaaS
- Managed data entry and reporting tasks, ensuring data accuracy and governance.
- Coordinated client communication and workflow improvements to enhance service delivery.
- Supported cloud-based SaaS environments, troubleshooting application and connectivity issues.

## **Projects**

### **Portfolio Website Developer**, *Personal Project*, 2025 ([https://hjones360.github.io/My\\_Portfolio/](https://hjones360.github.io/My_Portfolio/))

- Designed and deployed a fully responsive portfolio website using HTML, CSS, and JavaScript to showcase cybersecurity and development skills.
- Integrated AOS (Animate On Scroll) for dynamic user interactions and enhanced UI animations.
- Developed a typewriter effect using vanilla JavaScript to rotate cybersecurity roles dynamically on page load.
- Implemented smooth scroll navigation and email contact triggers for desktop and mobile users.
- Managed version control using Git, tagged releases, and hosted the site live via GitHub Pages.