Troy Stagg

troywstagg@gmail.com | www.linkedin.com/in/troy-stagg | troystagg.com | (908) 892-3745

955 Juniper St NE Unit 3131, Atlanta, GA 30309

EDUCATION

Georgia Institute of Technology Atlanta, GA   2018 - 2022
- Bachelor of Science in Computer Science (*2021, Summa Cum Laude*), Master of Science in Computer Science (*2022, GPA 3.75*)

WORK EXPERIENCE

Sandia National Laboratories, *Cyber Threat Intelligence Analyst/DevSecOps Engineer*   Summer 2022 - Present
- Monitor and analyze high-volume threat intelligence feeds, including OSINT, commercial platforms, ISAC reporting, and internal telemetry, to track global threats targeting the enterprise and relevant government sectors.
- Produce timely, actionable intelligence reports on threat actors, campaigns, tactics, techniques, and procedures (TTPs), enabling proactive defensive measures and risk mitigation. Collaborate with Incident Response and SOC teams to support investigations and containment efforts, including external incident responses.
- Deliver intelligence briefings to technical and non-technical stakeholders, including upper management and several external organizations in the CTI Center of Excellence (CoE), translating complex threat data into clear insights on adversarial threat landscapes.
- Lead effort on tracking the emergence and evolution of the usage of Adversarial AI among threat actors, leveraging internal AI tooling for aggregation and analysis.
- Develop automated tooling capabilities to increase threat intelligence efficiency and support Operational Technology (OT) security efforts, eliminating several timely manual efforts across initiatives and improving security posture.

Wreck Techs, *Lead Networking Residential Technology Advisor*   Fall 2019 - Spring 2022
- Responsible for maintaining Georgia Tech's wired and wireless network infrastructure for over 15,000 connected clients.
- Resolved issues pertaining to networking equipment and personal devices for over 8,000 on-campus residents, clearly communicating technical problems and solutions to non-technical customers while providing timely support and ensuring a positive user experience.
- Coordinated with Cyber Security teams for individual security event handling and response.

OTHER PROJECTS

Cybersecurity Home Lab, *Enterprise Network Simulation & Home Monitoring*
- Designed and maintained a virtualized enterprise network home lab with multiple Windows and Linux VMs, including an Active Directory domain environment, to simulate real-world enterprise infrastructure and security scenarios.
- Deployed Wazuh for endpoint monitoring both in the lab and on home computers, developing detection rules to support sample incident scenarios.
- Performed analysis of logs to investigate sample incident scenarios, strengthen threat detection skills, and improve hands-on experience with SOC and Incident Response scenarios.

Smart Mirror (*In Progress*)
- Engineering and developing a custom smart mirror from scratch using open-source MagicMirror framework, integrating display hardware, embedded computing components, and custom software modules to replicate features of commercially available smart mirror products with improved privacy.

SKILLS/CERTIFICATIONS

DOE Q-Level Security Clearance   Spring 2023 - Present
CompTIA Security+   Spring 2024
ISC2 CISSP (*In Progress*)   Expected Spring/Summer 2026
Computer Science/Cybersecurity: *Application Security, Information Security, Computer Networking, Python, Java, C/C++, Windows, Linux, AGILE Development, VMWare, DevSecOps, Cyber Threat Intelligence, Incident Response*
- Relevant Coursework/Clubs: Computer Network Security, Information Security, Applied Cryptography, High Performance Computer Architecture, Advanced Operating Systems, GT Gray Hat Club, Reverse Engineering Course (Sandia National Labs), Malware Reverse Engineering

Communication: English (native), Spanish (fluent), ASL (intermediate)
Eagle Scout Award   Spring 2018