Andres Samper

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Education

University of South Florida, **Bachelor of Science in Cybersecurity** December 2025

Certifications: HTB CPTS, OSCP, TCM PIPA, Security+, InsightVM Certified Administrator

Professional Experience

Offensive Security Consultant **November 2025 – Present**

HALOCK Security Labs *Remote*

- Leading development of an AI driven penetration testing platform for a new continuous service offering.
- Conducting full-scope penetration tests across networks, web applications, IoT, wireless systems, and cloud environments.
- Producing professional penetration testing reports with evidence, severity ratings, risk summaries, and validated findings.
- Delivering clear and actionable remediation guidance aligned with business risk.

Security Operation Center Analyst Intern **March 2024 – November 2025**

Geographic Solutions *Palm Harbor, FL*

- Utilized SIEM, EDR, and SOAR tools to triage incidents with an average investigation time under 25 minutes.
- Created Standard Operating Procedure (SOP) documentation for future InfoSec personnel.
- Tuned SIEM detection logic to reduce our false positive detection rate by 32%.
- Monitored firewall logs and implementing configuration changes as needed to reduce bot activity.
- Participated in forensic analysis and artifact gathering on quarantined devices.
- Trained new hires on enterprise tools such as CrowdStrike EDR, Microsoft Defender, and Elastic Search.

Technical Skills

Offensive Security Skills: Active Directory Enumeration & Attacks, Windows & Linux Privilege Escalation, Web Application Pentesting, Tool Development, Risk Reporting, OWASP Top 10 Exploitation

Defensive Security Skills: Incident Response, SIEM Operations, Network Traffic Analysis, Log Analysis, Vulnerability Management

Technologies: Impacket Toolkit, PowerView, BloodHound, Metasploit, Burp Suite, Nessus, CrowdStrike EDR, Microsoft Defender & Sentinel, Cisco FMC, Elastic Search, InsightVM, Qualys

Programming / Scripting Languages: Python, Bash, PowerShell

Competition Experience

USF CyberHerd – Nationally Ranked CTF Team **May 2025 – May 2026**

Competition Team Member *Tampa, FL*

Competing in national collegiate cybersecurity competitions with USF's premier cybersecurity team. Experienced in capture-the-flag (CTF) events, penetration testing, and red teaming exercises. Skilled in network security, offensive security tactics, and threat mitigation.

Personal Projects

OSINT Tool 2024 – "Reputation Checker" | andressamper.com

- Built to assist with online reputation gathering for IPs, URLs, hashes, email addresses and phone numbers.
- Regular expressions parse input and open the corresponding reputation database. EX: VirusTotal, Cisco Talos, IBM X-Force, etc...