

Brandon Thompson

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Security Analyst with 2 years of experience managing organization risk posture. Skilled at using industry tools to manage vulnerabilities, track incidents and respond to alerts. Capable of using red team techniques to validate security controls.

Work Experience

Security Analyst, Polk County Property Appraiser, May 2022 - Present.

- Writing PowerShell scripts to remediate vulnerabilities and perform administrative tasks on remote machines.
- Facilitated cybersecurity grants from Florida Digital Service that led to Endpoint Detection and Response (EDR) and Vulnerability Management solutions being implemented in the organization.
- Tool setup, configuration and monitoring of Endpoint Detection and Response (EDR) and Vulnerability Management Solutions.
- Setup and monitoring of security alerts using a Security Operation Center (SOC) solution.
- Developed and implemented security policies, procedures, and standards based on Center for Internet Security (CIS) benchmarks.
- Conducted security awareness training programs to educate employees on best practices and potential risks for email, passwords, ransomware. Coordinate email phishing campaigns and assign training.
- Conduct vulnerability assessments to identify and remediate security weaknesses in systems and web applications.
- Developing Python scripts for automating tasks, reduced blocklist generation time by 7200%.
- Stay up-to-date on malware campaigns and advanced persistent threat (APT) groups by following vendor specific bulletins, Cybersecurity and Infrastructure Security Agency (CISA) and MS-ISAC news and webinars.

Security Analyst, Manifold Analytics, April 2021 - May 2022.

- Led implementation of Security Technical Implementation Guides (STIGs) for compliance with NIST SP 800-171 to achieve a Cybersecurity Maturity Model Certification (CMMC) score of 3 enabling the company to acquire/store/process confidential unclassified information (CUI) from the Department of Defense (DoD).
- Established a system of least privilege by setting Active Directory structure, Group Policy and software deployment for the organization.
- Setup of log management and alerts using Graylog Enterprise enabling the company to receive alerts for malicious actions and maintain accountability.

Algorithm Developer, Manifold Analytics, November 2020 - April 2021.

- Developing image analysis algorithms in Python for use in microservice architecture.
- Developing Python machine learning applications using Tensorflow and Pytorch for image recognition.

- Azure DevOps setup including code management with Git, and SCRUM work methodology.
- Static analysis of C++ code to obtain authority to operate on Department of Defense (DoD) systems.

Education

- Certified Ethical Hacker (CEH), EC-Council, Expires: April 2025
- Bachelors of Science, Computer Science, Concentration Cybersecurity
Florida Polytechnic University, August 2017 - May 2021

Technical Strengths

Nessus Professional Vulnerability Scanning, Kali Linux, Wireshark, Nmap, FortiGate Firewall, FortiAnalyzer SOC, Tenable.ONE platform.

Advanced skills in Python, PowerShell/Bash, Git, Active Directory Management, Group Policy, MS Office Suite