

## Brandon Thompson

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Security Analyst with 3 years of experience managing organization risk posture. Skilled at using industry tools to manage vulnerabilities, track incidents and respond to alerts. Uses red team techniques to validate security controls.

### Work Experience

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

- Tool setup and configuration for 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.
- Conducting vulnerability assessments to identify and remediate security weaknesses in systems and web applications.
- Developing Python scripts for automating tasks, including retrieving IP blocklists from Multi State Information Sharing and Analysis Centers (MS-ISAC).
- Stay up-to-date on malware campaigns and advanced persistent threat (APT) groups by following Ceybersecurity 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).
- 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 setiup 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 Penetration Tester (CPENT), EC-Council, Expected completion: December 2023
- Certified Ethical Hacker (CEH), EC-Council, Expires: April 2025
- Bachelors of Science, Computer Science, Concentration Cybersecurity  
Florida Polytechnic University, August 2017 - May 2021

## **School Projects**

- Ethical Hacking - Hacking Linux server using the single user boot mode to change the root password.
- Senior Design I/II - Computer Vision model for Whitning-Turner Construction company to track worker safety, the arrival time of supplies or other metrics.
- Operating Systems Concepts - Implementing system calls and Multilevel Feedback Queue Scheduler on basic Unix operating system.

## **Extra-Curricular**

- HackTheBox challenges for penetration testing techniques and binary exploitation.
- Self hosting application services on home network using Docker containers and virtual machines.
- Volunteer at a SeriousFun Children's Network summer camp for kids with serious illnesses.
- Nature Photography.
- Building and programming custom keyboards.
- Writing LaTeX documents.