

BRANDON THOMPSON

www.linkedin.com/in/thompson-brandon ◇ www.github.com/thompson908

(386) 466-6700 ◇ thompson.brandon908@gmail.com

736 Cambridge Way ◇ Lake Wales Florida, 33853

WORK EXPERIENCE

Polk County Property Appraiser Security Analyst

**May 2022 - Present
Bartow, Florida**

- 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 and configuration and monitoring for EDR and Vulnerability Management solutions.
- Developed and implemented security policies, procedures, and standards based on Center for Internet Security (CIS) benchmarks.
- Conducted security awareness training programs and tabletop exercises to educate employees on best practices and potential risks for email, passwords, and ransomware. Coordinate email phishing campaigns and assign training.
- Conducting vulnerability assessments to identify and remediate security weaknesses in systems and web applications.
- Setup and monitoring of security alerts using Security Operation Center (SOC) solutions.
- Developing Python scripts for automating tasks, including retrieving IP block lists 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 vendor-specific bulletins, Cybersecurity and Infrastructure Security Agency (CISA) and MS-ISAC news and webinars

Manifold Analytics Security Analyst

**April 2021 - May 2022
Lakeland, Florida**

- 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 managing 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.

Manifold Analytics Algorithm Developer

**November 2020 - April 2021
Lakeland, Florida**

- 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

(In progress) Certified Penetration Tester (CPENT) EC-Council	Expected completion: December 2023
Certified Ethical Hacker (CEH) EC-Council	Expires: April 2025
Florida Polytechnic University, Florida Bachelor of Science Computer Science Concentration: Cybersecurity	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 Whitney-Turner Construction company to track worker safety, the arrival time of supplies or other metrics. Uses Python Tensorflow Machine learning models.

Operating Systems Concepts - Implementing system calls and Multilevel Feedback Queue Scheduler on basic Unix operating system written in C.

EXTRA-CURRICULAR

HackTheBox or Capture the Flag (CTF) challenges for developing penetration testing techniques and binary exploitation skills.

Self hosting application services on home network using Docker containers and virtual machines.

Automation scripting of menial tasks using Python, Powershell, or bash.

Volunteer at a SeriousFun Children's Network summer camp for kids with serious illnesses.

Nature Photography.

Building and programming custom keyboards.