BRANDON THOMPSON

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WORK EXPERIENCE

Polk County Property Appraiser   May 2022 - Present
Security Analyst   **Bartow, Florida**

· Application for cybersecurity grants from Florida Digital Service
· Tool setup and configuration for Endpoint Detection and Response (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 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.
· Setup and monitoring of security alerts using Security Operation Center (SOC) solutions.
· 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

Manifold Analytics   April 2021 - May 2022
Security Analyst   **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).
· 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.

Manifold Analytics   November 2020 - April 2021
Algorithm Developer   **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 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

(In progress) Certified Penetration Tester (CPENT)   Expected completion: December 2023
EC-Council
Certified Ethical Hacker (CEH)   Expires: April 2025
EC-Council
Florida Polytechnic University, Florida   August 2017 - May 2021
Bachelor of Science Computer Science   GPA: 3.62
Concentration: Cybersecurity

RELEVANT COURSEWORK

Digital Forensics	*CIS 4203*	
Ethical Hacking	*CIS 4204*	
Computer Security	*CIS 4367*	A
Introduction to Computer Networks	*CNT 3004*	A
Operating System Concepts	*COP 4610*	B
Computer Architecture and Organization	*EEL 4768*	A
Applied Cryptography	*CIS 4362*	A
Software Security Testing	*CEN 4088*	A-

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 saftey, 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 chalenges 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.