BRANDON THOMPSON

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CERTIFICATIONS / TRAINING

Certified Ethical Hacker (CEH) Expires: April 2025

WORK EXPERIENCE

Manifold Analytics November 28 2020 - Present
Security Analyst *Lakeland, Florida*

- Led implementation of STIGs for compliance with NIST SP 800-171 requirements enabling the company to acquire/store/process CUI data.
- Setting up Active Directory structure, software deployment and Group Policy for the organization thus reducing setup time for new users, and maintaining a system of least privilege.
- Setup of log management and alerts using Graylog Enterprise enabling the company to recieve alerts for malicious actions and maintain accountablilty
- Developing satellite image analysis algorithms in Python and C++ for use in machine learning applications.

Haines City Technology Management Department February 2020 - July 2020
Intern *Haines City, Florida*

- Inventory management with Excel.
- Writing of Standard Operating Procedure and Cost-Based Analysis documents.

EDUCATION

Florida Polytechnic University, Florida August 2017 - May 2021
Bachelor of Science Computer Science
Concentration: Cybersecurity

SCHOOL PROJECTS

Ethical Hacking - Hacking of a version 7 CentOS server using the single user boot mode to change the root password, bypassing selinux and gaining root level access to the machine.

Senior Design I/II - Winner of the Capstone Showcase - Best Computer Science Project 2021. Retrainable object detection model for Whitning-Turner Construction company to track various metrics on work sites and improve safety. Included user friendly web app interface allowing the user to upload training images and labels as well as run and test models on the hosting server.

Operating Systems Concepts - Implementing system calls in C and a Multilevel Feedback Queue Scheduler (MLFQ) to manage context switching of processes on a minimal Linux operating system.