BRANDON THOMPSON

(386) 466-6700 ◇ thompson.brandon908@gmail.com
1427 Persimmon Way ◇ Lakeland, Florida 33811
www.linkedin.com/in/thompson-brandon ◇ www.github.com/thompsonb908

WORK EXPERIENCE

Manifold Analytics April 2021 - Present
Security Analyst *Lakeland, Florida*

- Led implementation of STIGs for compliance with NIST SP 800-171 to achieve a CMMC score of 3 enabling the company to acquire/store/process CUI data.
- 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 recieve alerts for malicious actions and maintain accountablilty

Manifold Analytics November 2020 - April 2021
Algorithm Developer *Lakeland, Florida*

- Developing satellite image analysis algorithms in Python for use in machine learning applications.
- Azure DevOps setup including code management with Git, and SCRUM work methodology.
- Fixing static code analysis errors in C++ to obtain ATO on DoD systems.

Haines City Technology Management Departement Feburary 2020 - July 2020
Intern *Haines City, Florida*

- Inventory management
- Writing and updating of Standard Operating Procedures (SOP) for workflows.
- Cost-Benifit Analysis (CBA) for integrating new SIEM software.

EDUCATION / CERTIFICATIONS

Certified Ethical Hacker (CEH) Expires: April 2025

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

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.
https://drive.google.com/file/d/1mdKI-hYIHRRJoVQ6fBaYgkZEHF7zTwBr/view?usp=sharing

Senior Design I/II - Winner of the Capstone Showcase - Best Computer Science Project 2021. Retrainable object detection model to track various metrics on construction sites and improve safety. Included web app interface allowing the user to upload training data as well as run and test models on the server.

Operating Systems - Implementing system calls in C and a Multilevel Feedback Queue Scheduler (MLFQ) to manage context switching of processes on a minimal Linux operating system.
https://github.com/thompsonb908/OS-Concepts

Personal - Custom Python networking tools (TCP client/server, proxies and sniffers).
https://github.com/thompsonb908/BlackHatPython