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github.com/STIEBELJOSHUA

Joshua Stiebel

Education

Houghton, MI	**Michigan Technological University**	**Expected Spring 2024**

- BS in Computer Engineering with Minor in Cybersecurity. Dept. GPA: 3.03 | GPA: 3.00

  Relevant Coursework: Hardware Software Programming (C/MIPS), Data Structures and Algorithms (Java), Digital Logic (Verilog/FPGAs), Concurrent Computing (C/C++).

Technical Skills

- Proficient Languages: C, Python, Java
- Languages with prior experience: Verilog HDL, MATLAB, MIPS, SQL, Bash, APL
- CyberSec Tools: Burp, Nmap, Metasploit, Wireshark, hashcat, Ghidra
- Linux Proficiency
- Group Policy
- Web Development (Flask)
- Configuration Managment (Satellite/Puppet)
- Version Control/Git

Work Experience

Airboss of America	**Information Security Intern**	**May 2022-Aug 2022**

- Mapped public facing attack surface across multiple locations and disabled vulnerable services
- Created and managed Group Policy Objects that helped to improve company security
- Implemented SPF, DKIM, and DMARC for multiple domains to reduce email spoofing

Michigan Tech IT	**Student Linux Support Technican**	**Feb 2022-May 2022**

- Manage school Linux labs and faculty machines using configuration managment such as puppet
- Help students and faculty with Linux related issues and tickets
- Package software using RPM format for distribtuion on school machines

Student Orgs

Michigan Tech RedTeam

- Participated in various CTFs to improve my cybersecurity knowledge and skills
- Helped in the development of challenges for CTFs we hosted
- Furthered my knowledge of cybersecurity topics by attending conventions like DEF CON, GrrCON, and the CyberBoat Challenge

Michigan Tech Linux Users Group

- Current Club President
- Give presentations on various Linux and computing related topics
- Manage club servers including tier 1 mirror servers traffic millions of requests per day

Achievements

- DEFCON 30 Maritime Hacking SEAtf: 5th / 22
- GrrCON 2022 OSINT CTF: 1st / 37 (Won GrrCON Black Badge)
- UCONN CyberSEED 2022: 5th / 119
- National Cyber League Spring 2021 Team Game: 3rd/922, Fall 2021 Individual Game: 15th/6475