Michael Einreinhof

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PROJECTS & SKILLS

Homelab Project
- Linux (Kali, Debian Distros)
- Hypervisor (Proxmox)
- NAS (FreeNAS)
- Networking (DHCP, VLAN)
- Firewall (pfSense)
- Packet Analyzer (Wireshark)

Cyber Security Assignments Scripts
- Analyze emails for phishing attempts
- Detect password strength
- A/symmetric key encryption and decryption
- Hash algorithm to store passwords
- Malicious SQL injections

Related Skills
- Python
- Technical Writing
- OSX, Windows
- Java
- Malware Analysis
- SIEM

EDUCATION

Bachelor of Engineering | Utah State University **May 2020**
Major: Biological Engineering
Minor: Cyber Security
Capstone Design: Sonication Cell for Life Detection | N.A.S.A

RELATED EMPLOYMENT

IT Support Specialist (Internship)
Dr. Cari Oneal **June 2019 – August 2019**
- Fixed IT issues and started the work to streamline the ease of technology use for a solo entrepreneur
- Enabled mobility to allow efficient travel to deliver classes and lecture for their business
- Assessed early on to understand what the entrepreneur needed and what were the technology priorities in their business
- Drafted recommendations for different avenues in upgrading their hardware
- Found ways to cut costs to save money by utilizing all their Microsoft Office 365 Business plan

Cyber Threat Intelligence Analyst (Internship)
Crutchfield **May 2018 – August 2018**
- Assisted in cybersecurity efforts by researching and learning about cyber threats by using a combination of public, private, and internally developed sources of information
- Used various tools to inspect IT systems and analyzed logs for evidence of threats; and produced summary reports describing all findings
- Leveraged sources including: Wildfire, SQL databases, QRadar, Barracuda, and Palo Alto

EMPLOYMENT

Resident Assistant
Utah State University Resident Life **August 2018 - Present**
- Served as a peer resource, mentor, and advisor to the 30+ residents as a support system
- Mediated conflicts between roommates to helped them come to a resolution
- Worked with Co-Resident Assistant to execute creative programs, fostering student development politically, socially, and culturally
- Implemented and enforced all University and On Campus Housing policies

Fluid Mechanics Teaching Assistant
College of Biological Engineering **August 2019 – December 2019**
- Served as a resource and advisor to the 30+ student
- Held Office Hours for students to help with homework and teach unclear topics
- Planned and held review session for students before exams
- Graded and provided feedback on assignment