

TREVOR KEMS

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SUMMARY

A dedicated technical support specialist with a B.S. in Cyber Security Engineering that has experience in infrastructure and software security and management seeking a career in a cyber security related field.

SKILLS & ABILITIES

- Experience with Kali, Nessus, Nmap, hashcat, hardware and software reverse engineering, hardware security, and cryptography.
- IT Administration experience with VMWare ESXi/vSphere, Cisco ASDM, Active Directory, Windows, Linux, macOS.
- Languages: Python, C, Java, PHP, and MediaWiki markdown.
- Lead small teams to solve problems, complete updates, and roll out new infrastructure.

EXPERIENCE

Technical Support Specialist, The Krell Institute

May 2018 – Present

Ames, IA

- Providing support to employees on Windows and macOS and Krell infrastructure including VMWare/ESXi, Windows AD, Debian, Drupal, and WordPress.
- Using Cisco ASDM and CLI to configure internal VLANs and public facing firewalls. Contributed to multi-stage network segmentation project.
- Leveraging my skills in Linux, macOS, and Windows administration to update and create new group policies and company procedures to secure and streamline asset deployment, updates, and troubleshooting.
- Maintaining regular backups using Veritas Backup Exec and home-grown backup solutions. Following 3-2-1 backup procedure and developed disaster recovery testing procedures and documentation.
- Regularly auditing company security posture using Nessus and other tools. Spearheaded project to secure Linux password authentication and troubleshoot LDAP/PAM integration.
- Transitioned to a 100% remote work environment during Spring 2020 while continuing to direct teams on current projects.
- Coached and onboarded 3 new hires.

Information Technology / Audio Visual Support, Iowa State University, Memorial Union

Sept. 2017 – May 2018

Ames, IA

- Independently configured AV equipment in conference rooms for multiple clients per day. Developed medium scale machine deployments using Sysprep and Windows AD tools. Also troubleshooted Memorial Union technical problems quickly and efficiently.

EDUCATION

Iowa State University – Ames, Iowa – B.S. Cyber Security Engineering

Aug. 2017 – May 2021

- Participated in many Cyber Security related extracurricular clubs and groups such as IASG, multiple Cyber Defense Competitions, and mentoring the Women in Cyber Security club.

Courses:

- CPR E 530: Network Protocols and Security
 - Detailed examination of networking standards, protocols, and their implementation. TCP/IP protocol suite, network application protocols. Network security issues, attack and mitigation techniques. Emphasis on laboratory experiments.
- CPR E 532: Information Warfare
 - Computer system and network security: implementation, configuration, testing of security software and hardware, network monitoring. Authentication, firewalls, vulnerabilities, exploits, countermeasures. Study and use of attack tools. Ethics in information assurance. Emphasis on laboratory experiments.
- CPR E 533: Cryptography
 - Basic concepts of secure communication, DES and AES, public-key cryptosystems, elliptic curves, hash algorithms, digital signatures, applications. Relevant material on number theory and finite fields.

ISU Course Descriptions from: <https://catalog.iastate.edu/azcourses/>

COMMUNICATION & LEADERSHIP

- Active member in multiple teams including infrastructure management, web administration, employee support, backup, and networking.
- Ability to solve technical problems in creative ways in a team environment.
- Strong verbal communication skills with the ability to convey complex technical security concepts to both technical and non-technical audiences.