

Keagan Cook

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Enthusiastic Junior Cybersecurity Analyst with hands-on experience in SIEM implementation, vulnerability assessment, and log analysis. Proficient in leveraging tools like Wireshark, Nmap, Wazuh, and Suricata to identify and mitigate security threats. Passionate about securing systems and networks while continuously learning advanced cybersecurity techniques.

Skills

- SIEM - Wazuh and Suricata IDS
- Wireshark, Nmap, OpenVAS, Metasploit
- Firewalls - iptables, UFW, Windows Firewall
- Penetration Testing
- Python/Bash Scripting
- Linux - Ubuntu Server and Kali Linux
- Windows Server

Projects

SIEM Implementation for Threat Monitoring (2024)

- Set up and configured an ELK Stack to aggregate and analyze system logs
- Integrated Suricata with port mirroring as an intrusion prevention system (IPS) to analyze network traffic and generate custom active responses for suspicious activity.

Nextcloud File Server Deployment (2020)

- Deployed a secure Nextcloud instance with end-to-end encryption
- Implemented multi-factor authentication and SSL for secure file sharing

Network-Wide Ad Blocking with Pi-Hole DNS Server (2020)

- Deployed and configured Pi-Hole on a Raspberry Pi to act as a DNS sinkhole, blocking ads and tracking across all devices in a network
- Monitored and analyzed DNS queries to identify unusual or suspicious activity, improving network visibility

Penetration Testing Practice on Hack The Box (ongoing)

- Conducted hands-on penetration testing exercises on vulnerable virtual machines in a controlled environment.
- Exploited web application vulnerabilities, privilege escalation flaws, and misconfigured systems to gain root access.
- Leveraged tools such as **Burp Suite**, **Metasploit**, and **Nmap** to perform reconnaissance and exploitation.
- Documented findings and recommended mitigation strategies for vulnerabilities such as SQL injection and weak access controls.
- Continuously improved skills in ethical hacking, network security, and report writing by solving challenges of varying difficulty levels.

Certifications

CompTIA Security+

Education

Certification in Music Production and Audio Engineering January 2018

Conservatory of Recording Arts And Sciences (CRAS), Tempe, Arizona

- Gain hands-on experience with advanced audio systems, signal processing, and digital audio workstations.
 - Developed strong troubleshooting skills while working with complex technical equipment.
 - Practiced collaboration and precision in high-pressure environments, producing professional-quality projects.
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Work History

Server

George's of Galilee, Narragansett, USA

July 2024 - Current

- Provided excellent customer service in a high-volume, fast-paced restaurant environment
- Collaborated with team members to ensure efficient operations and customer satisfaction
- Managed multiple tasks, including order taking, food delivery, and handling guest inquiries

Senior Sales Associate

La-Z-Boy, Chandler, USA

March 2023 - June 2024

- Consulted with customers to understand their needs and recommend suitable furniture solutions
- Maintained detailed knowledge of product lines, warranties, and financing options to assist customers effectively
- Provided mentorship to new associates, enhancing team productivity and customer satisfaction

Server/Bartender

Ra Sushi, Scottsdale, USA

September 2020 - March 2024

- Delivered exceptional customer service and built strong relationships with regular patrons
- Operated bar services, including preparing cocktails and maintaining compliance with liquor laws
- Assisted in training new team members to ensure high service standards

Audio Technician

PSAV @ The Phoenician Resort, Scottsdale, USA

October 2018 - August 2020

- Operated and maintained audio-visual equipment for corporate events, weddings, and conferences
- Troubleshoot technical issues with microphones, soundboards, and projection systems
- Worked closely with clients to execute flawless presentations and performances