

Manju Kuah

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PROFESSIONAL EXPERIENCE

Information Security Analyst Intern

Jan 2022 - June 2022

CyberArk Admin, experienced in IAM/PAM tools with deployment, configuration, integration and troubleshooting CyberArk Privileged Account Security product suite - Enterprise Password Vault, Password Vault Web Access, Central Policy Manager, Privileged Session Manager, Application Identity Manager, and Privileged Threat Analytics. Consulted with over 50 clients to implement PSM and CPM plugins to secure Web Based applications on user access and authorization. Part of the Conjur development team. Relevant tools: Kubernetes, Docker, J2EE

PROJECTS

SOC Infrastructure

Senior capstone project to design infrastructure for the Oregon Research & Teaching Security Operations Center (ORTSOC), a student-staffed Security Operations Center (SOC) designed to vocationally teach students how a SOC works and how to be a security analyst. Provides security operations for small organizations that may not be able to afford the services of a well-known or established SOC. Personally implemented infrastructure which uses zero-cost software (Zeek, Elastic Stack, Ansible, VSphere) to keep the operating costs of the ORTSOC at a minimum for the clients.

Cyber Security Incident Response

Worked at the ORTSOC to learn how to respond to incidents using the NIST incident response framework and MITRE ATT&CK framework. Performed threat hunting for malicious activity across network and digital assets using a SIEM. Conducted analysis with a variety of tools and data sets to identify indicators of malicious activity. Frameworks learned: ISO 27001, NIST SP800-61 + CSF, Diamond Model of Intrusion Analysis

SKILLS

Security

- SIEM
 - Splunk, Elastic Stack
- EDR
 - Wazuh, Sysmon
- Automation
 - Ansible
 - BladeLogic
- Vulnerability Scanning
 - Nessus, nmap
- Binary Exploitation
 - pwntools

Programming

- Scripting + Automation
 - Python, PowerShell, Bash
- C, C++
- x86 Assembly
- Java
- HTML/CSS/JavaScript
- Git
- YAML/XML/JSON
- VisualStudio/Eclipse/IntelliJ

Digital Forensics

- Malware Analysis + Reverse Engineering
 - IDA Pro/Hex-rays Decompiler, gdb
- Volatility
- FTK Imager
- RAM Capture
- Autopsy

EDUCATION

Bachelor of Science in Computer Science

Graduation Date: June 10th, 2022

Certificate in CyberSecurity - Oregon State University

CompTIA Security+ Certification

March 28st 2023

Key CyberSecurity courses: Cyberattacks and Defence (Rank 2 NSA Codebreaker), Advanced Network security, Digital Forensics, Cryptography, InfoSec Governance, Incident Response, System Administration