**Evan Quah**
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Linkedin | Portfolio Website | Github

## EDUCATION

**WESTERN GOVERNORS UNIVERSITY** 2022 - 2024

- Bachelors in Cybersecurity and Information Assurance

**HEARTLAND COMMUNITY COLLEGE** 2020 - 2022

- Associates in Arts

## PROFESSIONAL EXPERIENCE

**VAULT STRATEGIES** April 2022 – Present

SYSTEM ADMINISTRATOR

- Spearheaded the implementation of cybersecurity controls, leveraging **Azure AD to deploy MFA and SSO**. Oversaw Office 365 tenant, including Defender, Intune, Active Directory, and SharePoint. Managed Windows desktop and server infrastructure. Deployed strict **endpoint security** policies to all MDM devices.
- Upgraded internal processes with **Python and PowerShell**. Focused on automating and properly documenting workflows and solutions for more detailed references.
- Ensured the integrity of PII and PHI in accordance with **NIST SP 800-122** and 800-66 by enforcing least privilege throughout all users and cloud systems.

**INTELLIGENESIS** April 2021 – September 2021

CYBERSECURITY INTERN

- Worked with a large team to create and manage devices using **Linux**, containerization, and shell scripts to simulate SCADA and industrial equipment.
- Moderated CTF challenges at DefCon and RSA, with a focus on educating users on building, breaking, and securing **critical infrastructure**.
- Configured networking solutions for interconnected IoT devices using SDN, ensured high availability for participants connected remotely via VPN.

**CYBATI** March 2020 – September 2020

CYBERSECURITY INTERN

- Provided moderation to the aerospace village capture the flag challenges during the 2020 **DefCon** conference.
- Helped create and assemble Raspberry Pi's used to simulate airport runway systems.
- Analyzed Linux file systems and developed proper **documentation** for complex processes.

## PERSONAL PROJECTS

- **ETHICAL HACKING:** Using free and open resources such as **HacktheBox or TryHackMe**, I increased my understanding of red team activity, utilizing tools such as **Nmap**, **Wireshark**, and **Burpsuite**. Additionally, I created hardware hacking tools, such as USB rubber ducky's, to raise my understanding of embedded systems.
- **PORTFOLIO WEBSITE:** Composed using NEXT.js, Tailwind CSS, and Particles.js, it allows me to showcase my skills and experience.
- **HOMELAB:** Self-hosted services and applications using my personal hardware and network. Administered **Docker** containers, **XDR** software, **DNS** sinkholes, and **firewall** configurations. Tested attack payloads on **virtual machines** built within the lab.

## CERTIFICATIONS

**COMPTIA TRIAD**

***A+, Network+, and Security+*** **2023-2026**

**ITIL 4 FOUNDATIONS** **2023-2026**