

## Evan Quah

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### 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. Created and enforced end-user information security policies.
- Improved internal processes with Python and PowerShell. Focused on automating and properly documenting workflows 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, python, and shell scripts to simulate SCADA and industrial equipment.
- Moderated cybersecurity conferences with a focus on educating users on securing critical infrastructure to people around the world.
- Maintained and monitored the health of devices by utilizing Docker and Bash scripts. Began migration process from Raspberry pi's to the AI powered Nvidia Jetson platform.

#### 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 devices used in cybersecurity conferences with hundreds of users. Including troubleshooting USB and GPIO issues.
- 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 worked on honing my red team skills to understand all aspects of cybersecurity. Additionally, I created my own hardware hacking tools, such as USB rubber ducky's, using open-source Arduinos.
- **PORTFOLIO WEBSITE:** Composed using React and NEXT.js frameworks, it allows me to showcase my skills and experience.
- **HOMELAB:** Hosted SIEMs, automation code, and Docker containers inside of a Homelab using a combination of Raspberry pi's and virtual machines. Managed containers using Kubernetes and observed network data using the Elastic stack. Tested attack payloads on sandbox environments built within the lab.

### CERTIFICATIONS

#### COMPTIA TRIAD

*A+, Network+, and Security+*

**2023-2026**

#### ITIL 4 Foundations

**2023-2026**