Jay Hill
Security Engineer
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SKILLS

- IT Operations & Support: Google Suite (Super Admin), SSO, IAM, Application Access Management
- Security: Cybersecurity, Vulnerability Assessments, Incident Response, Red Teaming, Security Monitoring
- Automation & Configuration: Terraform, Power Automate, Bash, PowerShell, Python
- Cloud & Infrastructure: AWS, Red Hat Linux, Splunk, Fortinet, Microsoft Azure
- Scripting: GoLang, PHP, Python, Bash, PowerShell
- Tools & Platforms: Burp Suite, Splunk, Microsoft 365 Defender, Prisma Cloud, Fortinet EDR

EDUCATION Tuskegee University (TU) - *B.S. Dual Major Comp Sci / Psychology* 2014 - 2017

Palo Alto Networks Cybersecurity Foundation coursera.org/verify/FH4Tl6KSORUX

Google IT Security Certificate coursera.org/verify/J3VH64WRDZJG

Google IT Support Certificate https://www.credly.com/go/ox6KYG9p

HacktheBox Advent of Cyber Security Certificate https://tryhackme-certificates.s3-eu-west-1.amazonaws.com/THM-CSXHRCIJ2N.png

Udemy Growth Hacking Certificate ude.my/UC-ZLE915N

Udemy Ethical Hacking Certificate https://www.udemy.com/certificate/UC-O7OPAK9Q/

EXPERIENCE

Vast.ai, Honolulu - *IT Support Engineer / DevOps*

Dec 2024 - Present
- Support and maintain a Linux-based GPU cloud platform at Vast.ai, assisting users with platform-related inquiries and GPU access while facilitating host GPU setup and configuration.
- Develop and implement templates (e.g., ComfyUI, Hunyuan Video) for streamlined GPU cloud usage, enhancing user experience and operational efficiency on the Vast.ai platform.
- Provide technical guidance and troubleshooting expertise to users and hosts, ensuring seamless integration and performance of GPU resources in a Linux environment.

PluralSight, San Francisco - *Digital Security Author / DevOps*

Feb 2023 - Apr 2024
- Developed and maintained security engineering labs in Red Hat Linux & Windows environments, creating hands-on penetration testing scenarios that simulated real-world network, system, and application security challenges.
- Utilized Terraform to automate and secure lab environments, ensuring alignment with the latest industry standards and security practices.
- Provided expert technical feedback and consultation on security best practices and vulnerabilities within diverse IT environments.

Red Bull North America, Santa Monica - *Digital Security Engineer*

Feb 2022 - Jan 2023

- Conducted network vulnerability assessments and remediation, emulating adversarial tactics to identify and mitigate potential security breaches.

- Designed and delivered security awareness training to enhance organizational understanding and defense against cyber threats, focusing on social engineering and other advanced attack vectors.

- Implemented and customized security alerts using Splunk to monitor and respond to emerging security threats effectively.

- Managed a secure network infrastructure utilizing tools like Fortinet, Cisco, Microsoft Azure, and ServiceNow, integrating security controls into enterprise architecture.

Checkr, San Francisco - *Sys Admin / Cloud Security*

Sept 2019 - Dec 2019
- Contribute to network architecture.
- Utilized Terraform to automate cloud infrastructure changes on AWS, including provisioning and configuring Red Hat Linux instances, ensuring robust security configurations and compliance with best practices.
- Administered and maintained Red Hat Linux servers within the cloud infrastructure, ensuring system stability, performance, and security.

Linkedin, San Francisco - *Security Consultant*

Sep 2018 - Aug 2019
- Managed Defense (SOC) work.
- Performed Incident Response & Red Teaming.

Yelp, San Francisco - *Security Consultant*

Oct 2017 - Nov 2018
- Performed remote and on-site penetration tests.
- Consulted on resources and helped file RFPs for pentests.
- Helped to create G-script a post exploitation framework that allows custom droppers for all three major operating systems.

Uber, San Francisco **-** *Penetration Tester*

Sept 2017 - Oct 2017

- *Performed web application and external assessments.*

EDMO, San Francisco - *Unity 3D Developer / Teacher*

Jun 2017 - Aug 2017
- *Taught school aged kids how to code using unity3d.*