

# Hayden Tanaka

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## EXPERIENCE

### ***IT Security SOC Analyst, Embry-Riddle***

***September 2024 – April 2026***

- SIEM triage, incident response, phishing analysis.
- Investigated and responded to over 800 cybersecurity related to DUO and phishing events.
- Strong proficiency of DUO and familiar context of Okta.
- Leveraged MS Defender to investigate reports of malware on a machine.

### ***Lead CyberPatriot Analyst, CyberPatriot***

***Spring 2024***

- Tasked with hardening an Ubuntu VM.
- Configured VM to be more resilient against common attack vectors and vulnerabilities.
- Enabled firewalls, strong passwords, strong password criteria, user permission configuration, vulnerable port closure, verifying users.

## PROJECTS

### ***Malware Analysis (Embry-Riddle Aeronautical University)***

***Fall 2025***

- Investigated malicious software, determined point of origin, method of delivery, actions.
- Utilized ANY.RUN and Wireshark to analyze malicious scripts and network traffic.

### ***Data Encryption***

***Spring 2024***

- Encrypted data with OpenSSL toolkit and utilized different encryption techniques.
- Generated a report and demonstration of different hashing algorithms.

### ***Wireless Security Auditing***

***Summer 2023***

- Evaluating efficiency of budget hardware for wireless security auditing, performing deauthentication and PMKID attacks against a sandbox network.
- Analyzing captured traffic in Wireshark and processed hashes to test network resilience.

### ***AWS Hosting***

***Summer 2025***

- Developed and hosted a bare bones game on AWS.
- Provisioned ssh keys and configured network access to restrict inbound and outbound connections.

## EDUCATION

### ***B.S. in Cyber Intelligence and Security***

***Expected May 2026***

Embry-Riddle Aeronautical University

***3.4 GPA***

## CERTIFICATIONS

CompTIA A+ Certification

CompTIA Security+ Certification