

# HENRY HILL

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## PROFESSIONAL SUMMARY

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Security-focused IT graduate with hands-on experience in enterprise network defense, systems hardening, and security automation. Demonstrated competency in zero-trust architecture, virtualization, and vulnerability remediation through professional internship and independent lab work. CompTIA Security+ certified.

## EDUCATION

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**Bachelor of Science - Information Technology**, University of Central Florida, GPA: 3.5 August 2026  
**Relevant Coursework:** System Admin & Maintenance, Cloud Computing, Web-based IT, Network Concepts/Lab  
**Involvement:** HackUCF (Aug 2023-Present), LEAD Scholars Academy (August 2023-Present), Dean's List  
**Study Abroad:** Studied Cloud Computing and IoT at Zurich University of Applied Sciences January - July 2025

## EXPERIENCE

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**Systems Administration Intern** May 2024 - August 2024  
B2 Solutions *Cape Coral, FL*

- Performed vulnerability and configuration assessments across 20+ client networks using DattoRMM, Kaseya, Meraki, and Windows Server 2022; supported cloud/MFA/tenant migrations and standardized ITGlue documentation to strengthen security posture, improve asset visibility, and reduce operational risk.
- Automated security workflows by developing PowerShell/.NET components inside DattoRMM, reducing remediation time by 50%+ and improving configuration workflows across all client tenants.

## PROJECTS

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**Systems Virtualization Project - ECHO Volunteering** March 2026 - Present

- Implemented a secure, virtualized infrastructure using Proxmox VE to support critical operations for a media room and administrative headquarters. Configured Home Assistant, Companion, and Win11 VMs/Containers to build the automation and IoT device orchestration.

**Homelab - Personal** August 2024 - Present

- Built a segmented enterprise-style network with a MikroTik firewall, Cisco SG300 switch, VLANs, firewall rules, network-wide VPN protection, and zero-trust and defense-in-depth environments based on the OSI model; deployed Windows Server and Linux hosts, utilized Splunk and Wireshark for analysis and incident response, Syncthing for data redundancy, and Hypervisor VM sandboxing.

**Book Tracker - Web-Based Information Technology** August - December 2025

- Built a LAMP-stack application with secure user authentication, hashed credentials, role-based access controls, all within a private and persistent tool. Functionality includes reading lists, progress tracking, & book ratings.

## SKILLS

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| <b>Certifications:</b>                | CompTIA Security+, MTA Network Fundamentals, Microsoft Office          |
| <b>Network &amp; System Security:</b> | Mikrotik, Cisco Meraki, VLANs, Wireshark, zero-trust, defense-in-depth |
| <b>SIEM &amp; Monitoring:</b>         | Splunk, Huntress, DattoRMM/Kaseya                                      |
| <b>Scripting &amp; Automation:</b>    | PowerShell, Bash, Python, Java, PHP, SQL                               |
| <b>Infrastructure:</b>                | Windows Server, Linux (Ubuntu), Proxmox, Hyper-V, Kubernetes           |

## LEADERSHIP/VOLUNTEERING

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- Led a team of 25+ volunteers in a hurricane recovery project to earn the Eagle Scout rank; coordinated all logistics, managed resources, and made lasting environmental progress. Learned communication, project management skills, leading by example, and servant leadership.