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## EDUCATION & CREDENTIALS

University of South Florida - 3.7 GPA  
CompTIA Security+  
VMware Data Center Virtualization  
EC-Council Certified Secure Computer User

B.S. in Cybersecurity - December 2023  
(Expected) April 2023  
July 2022  
June 2022

### Awards

Bright Futures Scholarship • Sunset Valley Homeowners Association Scholarship • Eagle Scout

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## SKILLS

### Analytical Skills

- Reporting & Technical Writing
- Memory Forensics (Volatility)
- Network Traffic Analysis (Wireshark)
- OSINT & Sandboxing

### Technologies/Environments

- VMware Virtualization Suite (vSphere, vCenter, Horizon, etc)
- Mitre ATT&CK Matrix
- Windows & Linux System Administration
- Kubernetes

### Pentesting Tools

- Burpsuite
- Metasploit
- Nmap
- Nessus
- Kali Linux
- Dirsearch

### Programming Languages

- Python
- JavaScript
- PowerShell
- Bash
- Java

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## RELEVANT EXPERIENCE

### 27 Virtual,

#### Cybersecurity Contractor, Remote

(August 2022 - Present)

- Worked with VMware's PowerCLI library for PowerShell to **create scripts** to **efficiently automate** deployment of over **90 lab kits** across **42 servers**. Included automation of several enterprise tasks such as mass-reverting virtual image snapshots, and deploying dozens of vApps at a time.

#### Cybersecurity Intern, Tampa FL

(June 2022 - August 2022)

- IT consulting and education firm. Collaborated with a technical lead to manually deploy virtual lab environments through VMware's virtualization suite, including vSphere, vCenter, and Horizon, that consisted of **100s** of virtual machines for VMware education and certification classes.
- Tasked with the **validation and troubleshooting** of lab kits. Created accompanying documentation for finding, remediating, and preventing future errors.

#### Whitehatters Computer Security Club,

#### Newsletter Committee Chair, Tampa FL

(January 2022 - Current)

- Implemented weekly newsletters on various cybersecurity developments, and the club's performance in cybersecurity competitions and CTFs, that reached **thousands** of engineering students, professors, and alumni.

#### Red Team Teacher, Tampa FL

(August 2022 - Current)

- Led meetings on **web exploitation** (on OverTheWire's Natas) and on **introductory penetration testing** (utilizing Metasploitable and TryHackMe's King of the Hill) for **dozens of members**.
- Participated in cybersecurity meetings involving hands-on experience with defensive and offensive security tools and methodologies. Attended regular meetings in system hardening, web exploitation, binary exploitation, team-building CTF practice, etc.

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## PROJECTS & ACTIVITIES

### B-Sides Tampa 2022 CTF Cybersecurity Competition,

- Led a team to **8th out of 28** in a collegiate competition that tested intermediate proficiencies in web exploitation, forensics, reverse engineering, and binary exploitation.

### Cyberforce Competition, Department of Energy

- Placed within the **upper third** of teams as the *team co-captain* of the Fall 2022 Cyberforce Competition.

### Home Lab Maintainer, Personal

- Built a home lab consisting of a **honeypot running Cowrie**, that recorded SSH logins, and let attackers run commands in a virtualized environment, sending information to a **Splunk server**.

### TryHackMe King of the Hill "Auto-PWN" Scripts

- Wrote scripts for automation of TryHackMe's King of the Hill competitions. The scripts **automatically exploit** a vulnerability, privilege escalate, and establish persistence on a machine, in a **real-time competitive environment**.