

Omar Yousef

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WORK EXPERIENCE

Partsol | Cybersecurity Contractor Jan 2026 – Present

- Implemented **IAM** best practices using **JumpCloud** to provision, audit, and manage user roles and permissions.
- Troubleshoot endpoint issues by designing and deploying PowerShell scripts across systems to enforce security configurations.
- Administered **ThreatLocker (EDR)**, managing application control/requests, and strengthening malware response.

Partsol | IT Cybersecurity Intern Sep 2025 – Jan 2026

- Assisted in **SOC 2 audit** preparation and **ISO/IEC 42001** (AI Security Governance) **compliance** efforts.
- Strengthened email defenses by managing **Mimecast** policies and **tuning** AI filtering, reducing **phishing** and false positives.
- Streamlined project tracking by deploying **Jira** and **Confluence** for cross-team planning and used for IT ticket management.
- Managed IT asset inventory for laptops and hardware, regularly updating devices and maintaining accurate lifecycle tracking.

School District of Palm Beach County | Lead IT Security Intern Jun 2025 – Aug 2025

- Monitored **225,000+ endpoints** via EDR platforms **Carbon Black** and **CrowdStrike** for threat detection.
- Triageed **45+** daily alerts in the **Gurucul** SIEM platform, reducing **MTTD** by **~30%** and documenting root-cause analyses.
- Conducted vulnerability assessments with **Nessus**, **NodeZero**, and **ExtraHop RevealX**, delivering remediation plans.
- Penetration testing and malware analysis using **Kali Linux**, **Metasploit**, **SQLmap**, **Burp Suite**, **Ghidra**, and **Autopsy**.
- Led phishing and cybersecurity awareness training for **23,000+ staff** via **Infosec IQ**, lowering click-through rates by **40%**.
- Configured **LightSpeed** content filtering, blocking malicious domains to **reduce phishing incidents**.

Basmah | Technical Office Manager May 2022 – July 2023

- Delivered Tier 1 IT support for **hardware**, **software**, and **network issues**.
- Managed ticketing systems to track incidents, ensuring **SLA** compliance and faster resolution times.

EDUCATION

Bachelor of Science in **Cybersecurity** Expected May 2028
University of South Florida, Tampa, FL GPA: **4.0/4.0**

Relevant Coursework: Object-Oriented Programming, Programming Concepts, Intro to Databases, Physics

Certifications: **ISC2 Certified Cybersecurity** | **CompTIA Security+** | **CompTIA A+** | **CompTIA ITF+**

LEADERSHIP

Society for Critical Operations and Preparedness Engineering | Software Engineer Lead Aug 2025 – Present

- Led software engineering team by delegating tasks, coordinating code reviews, and ensuring code quality across contributors.
- Developing drone flight capabilities through software, implementing control logic and integration for stable navigation

PROJECTS

Fragments | AI-powered network security platform (**4th place at Hack The Bay**) Apr 2026

- Built Fragments, an AI-powered network security platform using ARP/Nmap scanning and RAG analysis for risk assessment

Raven | AI-powered malware analysis (**2nd place at HackUSF**) Mar 2026

- Built Raven, a sandbox malware analysis platform using multi-agent workflows to analyze suspicious files and extract IOCs

TECHNICAL SKILLS

Programming & Scripting Languages: Python, MySQL, Bash, PowerShell, HTML, CSS

Cybersecurity Platforms: OpenVAS, Node Zero, Tenable Nessus, Carbon Black, Gurucul, CrowdStrike, ThreatLocker

Cybersecurity Tools: Nmap, Kali Linux, Wireshark, Metasploit, BloodHound, Burp Suite, SQLMap, John the Ripper, Autopsy

Other Platforms: Jira, Confluence, Service Now, Mimecast, JumpCloud, Infosec IQ, Microsoft Office Suite

Networking and Ports Knowledge: TCP/IP, DNS, DHCP, VPN, SMB, SSH, RDP, HTTPS, SFTP, Firewalls, IDS/IPS

Honors and Awards: University of Cambridge AICE Diploma, Full Bright Futures Scholarship Recipient, AP Scholar

Projects: Personal Website, Python Password Strength Checker, Python Keylogger, AI Malware analysis Sandbox