

Hashim Alkhateeb

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📁 [portfolio](#)

Education

University of Central Florida

Orlando, FL

Master of Science in Computer Science

Expected May 2026

Bachelor of Science in Computer Science

Aug. 2021 – May 2025

- Awards: Magna Cum Laude, Bright Futures Scholar, Dean's List, President's Honor Roll **GPA: 3.934**
- Relevant Coursework: Malware Software Vulnerability, Cyber Operations Laboratory, Incident Response Technologies
- Clubs: Hack@UCF, KnightHacks

Certifications

CyberDefenders Certified CyberDefender

November 2025

CompTIA CySA+ (Cybersecurity Analyst)

June 2025

CompTIA Security+

January 2025

Projects

Certified CyberDefender | *Elastic, Wireshark, Volatility, FTK Imager, DumpIt, Zimmerman Suite*

November 2025

- Investigated full attack chains across 7+ simulated, real-world attack incidents, correlating host and network artifacts in Elastic to reconstruct initial access, lateral movement, and impact.
- Conducted over 20 hands-on labs in network, disk, and memory forensics to identify malicious activity, persistence mechanisms, and data exfiltration paths.

SOC Homelab (Self-Hosted) | *Splunk, Wazuh, Suricata, Pi-hole, Unbound, Tailscale*

June 2025 – Present

- Leveraged Splunk to centralize sudo authentication logs, uncovering 14 failed login attempts in one day and building a dashboard panel to continuously track abnormal authentication patterns.
- Streamlined security monitoring by designing custom dashboards and refining rules to track file integrity and authentication events.
- Mitigated 50+ critical vulnerabilities identified by Wazuh through endpoint hardening across various systems.
- Identified and responded to simulated intrusions by correlating host-based and network-based alerts, reducing detection time by 60% through real-time Suricata log analysis.

Android Bug Detector | *Python, React, Docker, Agile, Scrum, Git*

Aug. 2024 – May 2025

- Directed a 5-person Scrum team to deliver a bug-detection platform that revealed functional defects, reducing manual verification by 80%.
- Integrated secure development practices within an Agile framework, enabling the team to detect and remediate vulnerabilities earlier in the SDLC, reducing security risks and rework.

Technical Skills

Security Operations and Monitoring: Threat hunting, Log analysis, SIEM, Splunk, Wazuh, OSSIM, SOAR, Nessus, OpenVAS, Burp Suite, IDS/IPS tuning, Wireshark, Nmap, Netcat, MITRE ATT&CK mapping, CVSS, OSINT, Pi-hole, Unbound, Suricata, KQL, Elastic Stack, Volatility, Yara, Zeek, Velociraptor, ZUI, FTK Imager, DumpIt, Timeline Explorer

Digital Forensics: Digital forensics, Memory/Disk acquisition, Network traffic analysis, Registry Explorer

Operating Systems & Support Tools: Windows, Linux, macOS, Command-line troubleshooting, Scripting, Automation, Powershell, Bash

Networking & Protocols: TCP/IP, DHCP, DNS, Firewall, ACL, Endpoint hardening

Programming & Database: Python, Java, JavaScript, C, Node.js, React, HTML, SQL, MongoDB, AWS, Docker, Git

Ticketing & Collaboration: Jira, Agile and Scrum, Slack, Google Workspace, Microsoft Suite, Github

Experience

Graduate Teaching Assistant - Computer Science 2

Aug 2025 – Present

University of Central Florida

Orlando, FL

- Facilitated four weekly lab sessions for 180 students, reinforcing object oriented programming and algorithms while sharpening my ability to clearly convey technical concepts to diverse audiences.
- Improved student debugging proficiency by 40% by leading 1-on-1 sessions in Java and configuring development environments.
- Coordinated with the professor and TAs to align lab content with lectures, ensuring consistent instruction.

Teaching Assistant - Discrete Structures II

Jan. 2025 – May 2025

University of Central Florida

Orlando, FL

- Guided 70–80 students weekly through problem-solving challenges, strengthening my ability to diagnose issues and communicate technical solutions clearly.
- Monitored the Canvas discussion board and held virtual/onsite office hours, providing first-line of support.