

XAVIER IJEWERE

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PROFESSIONAL SUMMARY

M.S. Cybersecurity and Privacy student at UCF with hands-on experience in IoT security hardening, vulnerability assessment, threat modeling, and incident response. Holds eight active industry certifications spanning security analytics, cloud, and networking, and built an end-to-end phishing-simulation platform modeled on SOC detection workflows.

TECHNICAL SKILLS

Cybersecurity & Digital Risk: Threat Detection, Vulnerability Assessment, Risk Management, Threat Modeling, Security Hardening, Attack Surface Reduction, Phishing Analysis, Incident Response

Systems, Infrastructure & Networking: Linux, Windows, Kali Linux, IoT Device Configuration, TCP/IP, MQTT, TLS/mTLS, IDS/IPS, Firewall Configuration

Programming & Scripting: Python, Bash, SQL, Java

Security Tools: Wireshark, Nmap, Nessus, VirusTotal, OSINT Tools, SIEM

Cloud, Platforms & Databases: AWS (Certified Cloud Practitioner), Microsoft Azure (AZ-900, SC-900 Certified), Git, MySQL, SQLite, MongoDB

EDUCATION

University of Central Florida—M.S., Cybersecurity and Privacy Aug 2026 – May 2028
Orlando, FL | Full-time | Spring 2028 graduation target

Florida Southern College—B.S., Computer Science (Cybersecurity Concentration); Minor in Mathematics May 2026
Lakeland, FL | GPA: 3.76 | President's Scholar | Dean's List: Fall 2023, Spring 2024, Spring 2025

Relevant Coursework: Threat Detection, Penetration Testing, Networking, Operating Systems, Database Systems

CYBERSECURITY & TECHNICAL EXPERIENCE

IoT Cyber Defense Extern — Hydroficient & Extern May 2026 – Aug 2026
Remote

- Performed STRIDE threat modeling on a simulated 500-room hotel IoT water-monitoring system, producing data-flow diagrams, an asset inventory, and an executive summary with three prioritized security controls
- Built a Python sensor-log generator (Google Colab) to simulate sensor readings with timestamps and counters, then injected anomalies to validate detection logic
- Mapped the MQTT topic hierarchy and analyzed attacker visibility in the unsecured pipeline, then implemented TLS and mutual TLS (mTLS), measuring negligible performance overhead (0%), and authored a Device Provisioning Policy covering certificate lifecycle and compromise response
- Tested replay-attack defenses — timestamp/freshness validation, sequence-counter validation, and HMAC message signing — across 12 test scenarios, delivering a defense-comparison report with a deployment recommendation
- Presented a security dashboard documenting the defended pipeline, experiment setup, and attack results to technical and non-technical stakeholders and enhanced the security dashboard with AI.

IT Help Desk Intern — Florida Southern College Sep 2025 – May 2026
Lakeland, FL

- Triaged suspected phishing emails by identifying indicators of compromise (IoCs) and escalating security-related cases to supervisors
- Resolved portal access, email authentication, and password-reset issues for 1,000+ students and faculty in a production IT environment

Cybersecurity Intern — Cybervergent May 2024 – Aug 2024
Lagos, Nigeria

- Delivered Tier-1 technical and access support with a 95% first-contact resolution rate during live security incidents
- Assisted forensic recovery and secure data sanitization for 30+ compromised systems following a cybercrime event; conducted phishing-awareness training for 25+ staff

PROJECTS

Airline Phishing Simulation & Security Awareness Platform — Backend Developer August 2025–December 2026

- Built a Python backend to simulate phishing campaigns and track opens/clicks/submissions, then built data pipelines to analyze campaign metrics aligned with SOC detection workflows

Cybersecurity Incident Response — DDoS Simulation Jul 2025

- Simulated an ICMP flood DDoS attack, analyzed impact using the NIST Cybersecurity Framework, and proposed mitigations including firewall rule tuning, IDS/IPS deployment, and rate limiting

LEADERSHIP & INVOLVEMENT

Capture the Flag (CTF) Club — Florida Southern College Aug 2025 – May 2026

- Competed in challenges spanning web exploitation, digital forensics, cryptography, and network traffic analysis

Residential Advisor — Florida Southern College Aug 2025 – May 2026
Lakeland, FL

- Served as first responder for student safety and emergency incidents; documented and escalated cases per compliance protocols

CERTIFICATIONS

Feb 2026: CompTIA CySA+, CSAP | Aug 2025: Security+, ISC2 CC, AWS CCP, Azure AZ-900, SC-900 | Jul 2025: Google Cybersecurity Cert