Christopher Walters

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EDUCATION

Southeastern Louisiana University (SLU) Hammond, LA
B.S. in Information Technology August 2022 - May 2026

- **Relevant Coursework:** Advanced Computer Networking and Security, System Administration, Computer Architecture, Database Administration, Software Engineering, Data Structures
- **Honors**: President's List (2024)
- **Involvement:** Cybersecurity SIG Club Lead Member (2025-Present), ACM member (2023-Present)

SKILLS

- **Certifications:** CompTIA Security+ Certification
- **Languages:** Python, C#, Java, JavaScript/TypeScript, SQL, Rust, C/C++
- **Security Skills:** System Hardening, SIEM Monitoring, Threat Modeling, Secure Authentication, RBAC, Packet Analysis, Incident Response Basics, Network Scanning
- **Tools/Tech:** Wireshark, Scapy, Security Onion, Docker, Git, Azure, AWS
- **Frameworks:** .NET, ASP.NET, FastAPI, React, Node.js
- **Databases:** MS SQL Server, Azure SQL, MySQL, SQLite
- **Operating Systems**: Windows, Linux (Ubuntu, Debian), macOS

LEADERSHIP EXPERIENCE

ACM Cybersecurity SIG Club – Southeastern Louisiana University Hammond, LA
Lead Member August 2025 – Present

- Proposed a new **Cybersecurity Certificate** track for SLU, outlining required curriculum and industry relevance.
- Organized weekly cybersecurity labs, reverse-engineering workshops, and hands-on CTF practice sessions.
- Successfully recruited 10+ members and coordinated the university's first student-led cybersecurity-focused CTF event.

COMPETITIVE EXPERIENCE

SLU Brute Force Lions – U.S. DOE CyberForce Competition Chicago, IL
Blue Team Member (11th Place Nationally) August 2025 – Present

- Selected to defend simulated **critical energy infrastructure** in a nationally recognized cybersecurity competition.
- Hardened Windows & Linux systems by securing configs, applying patches, enforcing password & logging policies, and monitoring services.
- Secured and maintained a production-like web server under active adversarial pressure, improving reliability and reducing vulnerabilities.
- Collaborated with the team to create defensive playbooks, log analysis workflows, and rapid incident triage procedures.

PROJECT EXPERIENCE

CyberForce Web Security Hardening & Incident Response Project Chicago, IL
Web Security Lead August 2025 - November 2025

- Led the **website security documentation and vulnerability analysis** for a simulated critical-infrastructure web application.
- Identified and mitigated high-risk vulnerabilities, including missing security headers, improper authentication controls, and insecure server configurations.
- Performed **incident triage** after simulated attacks by analyzing logs, restoring service availability, and patching exploited components.
- Recovered and repaired broken website features after attacks using backups, ensuring service uptime under adversarial pressure.

WarRunning — Wireless Recon & Packet Analysis Tool Hammond, LA
Network Project January 2025 – Present

- Built an automated wireless reconnaissance tool using Python and Scapy for packet capture and analysis.
- Collected and analyzed network metadata including encryption types, SSIDs/BSSIDs, and frequency bands.
- Designed the tool as a portable, offline capture system for assessing wireless security posture.

SchedulEase
Hammond, LA
Cloud & AI Project May 2025 – Present

- Engineered a **FastAPI backend** integrating OpenAI-powered text analysis for automated calendar event processing.

- Implemented **OAuth 2.0** for secure Google Calendar authorization and data retrieval.
- Enhanced system security with input validation, token handling, and secure secret management.