

Jacob Hamacher

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EDUCATION

Charleston Southern University

Bachelor of Science in Cybersecurity, minor in Christian Studies

Charleston, SC

May 2025

EXPERIENCE

The Running Store

Inventory Manager

Gainesville, VA

May 2025 – Present

- Promoted from Sales Associate for leadership and performance
- Implemented a new sales technique that boosted sales of a targeted product by 9% within one month
- Developed and deployed a custom software solution that automated a 45-minute weekly task, eliminating manual effort
- Manage inventory intake, audits, and backend systems (RICS)
- Support team operations on a high-volume sales floor (50+ customers/week)

Sales Associate

Oct 2018 – Apr 2024

- Trained new hires in customer service and product knowledge
- Resolved customer issues through strong communication and product fluency

Nave Security

Remote

Junior Cybersecurity Analyst

June 2023 - August 2024

- Conducted vulnerability assessments using security tools such as Burp Suite and ZAP, documenting security gaps
- Performed network penetration testing on systems, discovering and reporting critical vulnerabilities
- Created comprehensive security reports and presented findings to C-level executives and technical teams
- Researched emerging cybersecurity threats and contributed to improving threat detection capabilities
- Represented the company at industry conferences to stay updated on the latest cybersecurity trends and technologies

PROJECTS

Full Stack Web Application | Full Stack Development | 2024-2025

- Developed Vaadin (Java) web application featuring search and filtering capabilities for documents of early church fathers
- Utilized Docker, Docker Hub, and Google Cloud for hosting

Home Lab Deployment | Self-Hosted Services & Networking | 2025

- Deployed Docker-based infrastructure on a server running services like Kibana, NextCloud, Coder, and custom web apps
- Configured Cloudflare Tunnel with multi-hostname ingress, reverse proxying, and TLS routing
- Diagnosed networking and container access issues; implemented persistent logging and tunnel hardening
- Conducted penetration tests on the server and its services to confirm hardening and logging

Honeypot in AWS | Cybersecurity | 2025

- Designed and implemented a honeypot to simulate vulnerable systems, capturing unauthorized access attempts
- Configured intrusion detection and logging to monitor attacker behavior and techniques
- Analyzed captured data to identify common attack vectors and improve defensive measures
- Documented setup, configuration, and threat analysis process for future reference

Security Vulnerability Assessment at Local University | Cybersecurity | 2022

- Discovered and documented 5 critical vulnerabilities using primarily Nmap and Burp Suite
- Presented findings to the IT department, resulting in the implementation of security improvements

TECHNICAL SKILLS

- **Security Tools:** Burp Suite, Nessus, Metasploit, Nmap, Autopsy, CrypTool, CTF-Multitool (Custom-made Tool)
- **Programming:** Python, Java, C++, MySQL, Ruby, HTML/CSS, R, Agile Methodology
- **Developer Tools:** Git, Ruby on Rails, Vaadin, WordPress, Google Cloud, AWS, Docker, VS Code
- **Operating Systems & Containerization:** Windows, Kali Linux, Ubuntu, CentOS, MacOS

CERTIFICATIONS

- CompTIA Security+ CE December 2024 - December 2027
- (ISC)² Certified in Cybersecurity August 2023 - August 2027