

Shane Silvernail, MS

IT & Cybersecurity Professional | Software Developer

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EDUCATION

PURDUE UNIVERSITY GLOBAL

October 2025

Master of Science: Information Technology; Focus on Cybersecurity

GPA: 4.0 - Disney Aspire Graduate

UNIVERSITY OF CENTRAL FLORIDA

May 2017

Bachelor of Science

VALENCIA COLLEGE

July 2014

Associate of Arts

CERTIFICATIONS

CERTIFIED IN CYBERSECURITY (CC) - ISC2

ELASTIC SECURITY FOR SIEM - Elastic

SOFTWARE ENGINEERING CAREER TRACK - Springboard

CYBERSECURITY - Google

WORK EXPERIENCE

CACERES MARINE, LLC.

Daytona Beach, FL

Software Developer (Contract)

June 2024 - December 2024

- Designed and developed a responsive company website to connect users with repair services and buying/selling tools
- Built secure RESTful APIs using Flask and PostgreSQL to support user account and listing functionality
- Integrated user authentication and encryption protocols using BCrypt to ensure secure logins and data protection
- Collaborated on frontend features with HTML, CSS, and JavaScript, improving UX and site responsiveness

SILVERNAIL TARP SERVICES, LLC.

Orlando, FL

Small Business Owner and Founder

June 2020 - April 2025

- Found and operated a roof tarping company providing emergency roofing solutions to over 200 clients
- Oversaw logistics, client communication, insurance negotiations, and quality assurance
- Applied strategic planning, budgeting, and project execution to ensure smooth operations and client satisfaction

WALT DISNEY WORLD RESORT - POLYNESIAN VILLAGE

Lake Buena Vista, FL

Cocktail Server

February 2019 - Present

- Awarded the UnaniMouse Choice Quarterly Award for excellence in guest service and team collaboration
- Communicate menu knowledge clearly and help accommodate dietary needs and cultural preferences
- Consistently receive positive guest feedback and recognition for hospitality and efficiency
- Coordinate with a diverse team to ensure seamless service, accuracy, and timing of orders

PROJECTS

Secure Network & GRC Assessment • Network Security, GRC, NIST CSF, Cisco NGFW

- Designed a segmented secure network architecture with firewall controls and endpoint protection
- Authored NIST CSF-aligned governance policies, including access control and incident response

PyScan • Python, Socket, Threading, Jinja2, WeasyPrint

- Develop PyScan, a Python-based CLI tool to scan IPs, detect open ports, grab banners, and match known CVEs
- Implemented multi-threaded scanning with HTML/PDG report generation

SKILLS

Technical Skills: Python, SQL, JavaScript, HTML, CSS, React, Node.js, Flask, Git, PostgreSQL

Cybersecurity & IT: Encryption, Endpoint Security, Network Security, Incident Response, Penetration Testing, SIEM

Software & Platforms: Elastic, Microsoft Project, Microsoft Visio, Adobe Photoshop, APIs, Database Management

Other: Agile/Scrum, Compliance & Risk Management, Spanish: Basic ability to read, write, and speak