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/PDF 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