Shane Silvernail

Software Engineer | Cyber Security Enthusiast

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EDUCATION

PURDUE UNIVERSITY   Expected October 2025
Master of Science: Information Technology; Focus on Cybersecurity
GPA: 4.0
Relevant Coursework: Network and Communications Security, IT Security Auditing and Assessments, Information Security Project Management
UNIVERSITY OF CENTRAL FLORIDA
Bachelor of Science
VALENCIA COLLEGE
Associate of Arts

CERTIFICATIONS

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 - Apr
- Found and operate a roof tarping company providing emergency roofing solutions to over 200 clients
- Oversee logistics, client communication, insurance negotiations, and quality assurance
- Apply 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
- Deliver exceptional guest service in a high-volume luxury resort dining environment
- 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

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

CyberShane Portfolio · React, Tailwind CSS, JavaScript, Git, Netlify
- Created and deployed a personal portfolio site showcasing projects, skills, and resume
- Focused on a clean UI, mobile responsiveness, and secure Git-based version control

SKILLS

Technical Skills: Python, SQL, JavaScript, HTML, CSS, React, Node.js, Flask, Git, PostgreSQL
Cybersecurity & IT: Encryption, Endpoint Security, Network Security, Cloud Computing, Incident Response, Penetration Testing
Software & Platforms: Microsoft Project, Microsoft Visio, Adobe Photoshop, APIs, Database Management
Other: Agile/Scrum, Compliance & Risk Management, Spanish: Basic ability to read, write, and speak