

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,

UNIVERSITY OF CENTRAL FLORIDA

Bachelor of Science

VALENCIA COLLEGE

Associate of Arts

CERTIFICATIONS

CERTIFIED IN CYBERSECURITY (CC) - ISC2

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 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