SANAAN FAYAZ WANI

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EDUCATION

Bachelor of Science in **Computer Science**   Expected Graduation: 05/2026
University of South Florida   Tampa, FL
Cumulative GPA: **3.81/4.0**; Dean's List 2022

Recognitions: 1st Place – SHPE 2024 CTF Challenge (November 2024 | Prize: $4,500); 1st Place – TechGrove Central Florida CTF (Sep 2024 | Prize $300); Active Member of USF's Cybersecurity Competition team

Certifications: CompTIA Security+, HackTheBox Certified Penetration Testing Specialist (in-progress)

WORK EXPERIENCE

Cummins Inc. | Cybersecurity & Software Development Co-Op   January 2024 – July 2024

Security Operation Center (SOC) I Team | Security Analyst
- Monitored and resolved over 150+ phishing incidents per month using PhishER, and managed security and networking incidents across 1800+ endpoints with CrowdStrike Falcon and Splunk to identify and mitigate malware threats
- Mastered advanced security techniques through Hack The Box modules and Security+ certification coursework to optimize incident response processes and threat analysis, achieving a 25% reduction in ticket resolution time

Data Loss Prevention (DLP) Vendor Evaluation | Project Manager
- Led the evaluation of security solutions from 6 vendors, including Microsoft, for Cummins' DLP requirements, by initiating vendor contact, coordinating 15+ meetings, and managing project logistics to shortlist vendors for further testing
- Proposed and executed comprehensive test plans for the top 2 vendors, driving the decision-making process for Cummins' potential onboarding of a new DLP solution through contract negotiation and strategic project oversight

Gamification of Employee Training Modules | Software Developer
- Developed and deployed gamified training modules for 1800 IT employees through a 2D platformer built with JavaScript and Map Design Software, boosting training completion rates in IT by 50%
- Spearheaded deployment on an AWS S3 Bucket and coordinated beta testing, leveraging user feedback to enhance the product while utilizing Jira and Confluence for onboarding 3 new members

Honors College | Student Ambassador   June 2023 – December 2023
- Facilitated over 10 guest interactions every month, led tours, managed calls, and coordinated student-advisor communication, resulting in enhanced student experience and improved communication between faculty and staff

LEADERSHIP

Society of Hispanic and Professional Engineers (SHPE)   Tampa, FL
Director of Professional Development   May 2023 – Present
- Conduct 2 weekly resume training sessions and organize 5+ workshops each semester to enhance internship prospects and support the professional development of more than 300 student members

UNIVERSITY PROJECTS

File Integrity Monitor | Python, Linux, Cryptography, Application Programming Interface (API)   April 2024
- Coded a Python-based File Integrity Monitor utilizing the MD5 hashing algorithm to establish baseline file integrity on Unix hosts and integrated an email notification API for incident alerts, enhancing security by detecting unauthorized modifications

Trading Simulator WebApp | React, Tailwind CSS, JavsScript Libraries, API   March 2024
- Directed the development of CoinDojo, a React-based trading simulator, integrating real-time price data via CoinGecko API and implementing charts using Tailwind CSS, allowing users to practice trading with historical data of 10+ cryptocurrencies

ADDITIONAL

Coding: Proficient in C/C++, Python, Bash, JavaScript, HTML/CSS; Working Knowledge of SQL, Java
Cybersecurity Tools: Splunk, Kali Linux, Nmap, Metasploit, Burp Suite, Wireshark, SQLMap, PhishER, CrowdStrike Falcon
Languages: Fluent in English, Urdu, Kashmiri; Conversational Proficiency in Hindi; Currently learning Arabic