Rohit Sah
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EDUCATION

Tennessee State University, Nashville, TN — **Expected Graduation: May 2027**
B.S. in Computer Science (Concentration: Cybersecurity) — **GPA: 3.9**
Relevant Coursework: Operating Systems, Cryptography & Network Security, Data Structures & Algorithms, Assembly Language

TECHNICAL SKILLS

Languages: Python, Bash, C, C++, Java, SQL, HTML, CSS
Security Operations & Detection: SPLUNK, Snort, Sentinel One, IDS/IPS, EDR/XDR, Wireshark, MISP
Offensive & AppSec Tools: Nmap, Burp Suite, Metasploit, Nessus
Frameworks & Concepts: NIST, Zero Trust, MITRE ATT&CK

CERTIFICATIONS

- **EJPT** (eLearn Junior Penetration Tester) 2025, **ISC² CC** (Certified in Cybersecurity) 2024, **Cisco Ethical Hacker**, Google Cybersecurity Professional Certificate, Microsoft Security, Compliance, and Identity Fundamentals (SC-900)

EXPERIENCE

Google Developers Group | President | Tennessee State University — Nov 2025 - Present
- Led secure-coding workshops covering **OWASP Top 10, GitHub Advanced Security, and Snyk**, improving vulnerability detection across student projects.
- Implemented branch protections, secret scanning, and CI security checks, reducing misconfigurations by **40%**.
- Conducted lightweight penetration testing using **Burp Suite, Nmap, and ZAP**, identifying common web vulnerabilities.
- Built **Python-based automation templates** to enforce secure development practices across all GDG repositories,

IVX Healthcare | IT Security intern | Brentwood, TN — May 2025 – Present
- Monitored, triaged, and investigated 1,200+ endpoint, network, and SaaS security alerts within SIEM/EDR platforms, identifying anomalies and distinguishing true positives from false positives.
- Built, tuned, and validated detections using **Sentinel One, Zscaler, Snort, and SPLUNK**, improving signal fidelity and reducing alert noise.
- Supported **security incident response** by analyzing attempted compromises, correlating IOCs, and recommending containment and remediation actions.
- Identified gaps in **endpoint, identity, and cloud security controls**, partnering with engineering teams to strengthen zero-trust enforcement.

William Paterson University | Cybersecurity Research Assistant |Wayne, NJ — Feb 2024 – Jun 2024
- Researched **AI-driven attacks and defenses** in cybersecurity, analyzing offensive tooling and defensive mitigation strategies.
- Produced actionable insights for **risk mitigation strategies**, improving resilience against weaponized AI attacks.
- Evaluated attacker techniques and produced actionable recommendations to improve detection and system resilience.

PROJECTS

Network Intrusion Detection System (NIDS) Dashboard — [GitHub](#)
- Built a **real-time security telemetry dashboard** to visualize network traffic, protocol usage, and suspicious activity.
- Implemented live updates and threat indicators with **React Router, Tailwind CSS**, and custom chart components.
- Integrated **threat indicators** and timestamped logging for suspicious activity.

Incident Response Simulation
- Performed **log analysis, IOC correlation, and threat intelligence enrichment** using Wireshark, Snort, SPLUNK, and MISP.
- Conducted post-incident reviews to assess detection gaps and improve response readiness.

Compromised Password Detection Tool — [GitHub](#)
- Built a **security automation tool** that checks passwords against real-world breach data using the **Have I Been Pwned k-Anonymity API**, ensuring no plaintext passwords are exposed.
- Implemented **hash-based lookup and prefix matching** to securely detect compromised credentials without leaking sensitive user data.

Leadership Activities / Accomplishments

- Ranked Top 1% globally in both Tryhackme and the National Cyber League cybersecurity competitions.
- **AFROTECH 2024 Participant**, Representing TSU, Houston Texas   ● Ancestry's History Makers Scholarship Recipient 2024
- Diversity & Inclusion member with the Student Government Association, TSU

Achievements

- **Authored** *"AI-driven Attacks and Defenses in Cybersecurity: A Review"* published at ICCSS 2024, analyzing AI exploitation techniques and defense strategies.
- **President's List** – Tennessee State University (2022, 2023, 2024) – *Awarded for achieving a 3.75+ GPA for three consecutive years*