Srihari N Narayan

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Education

University of Maryland, College Park, M. Eng. in Cybersecurity   Jan 2025 – Expect. Dec 2026
- **Coursework:** Penetration Testing, Security Tools for Information Security, Fundamentals of AI and Deep Learning, Machine Learning applied to Cybersecurity, Network Security, Information Assurance
- **GPA:** 3.9/4.0

Amity University Mumbai, India, B. Tech. in Computer Science & Engineering   Aug 2020 – July 2024
- **Coursework:** Cyber Security, Vulnerability Analysis, Digital Forensics, Cryptography, Introduction to Cloud Computing (AWS), Operating Systems and Unix Lab
- **GPA:** 8.65/10

Accomplishments

Certifications: OSCP+, OSCP, eJPT, PT1, CEH, OSWP, CAP, CNSP, KLCP, EHE

Capture the Flag: Participation under the name **AlienInDisguise** in the team **RandomHackers** on CTFtime.
- AI/LLM Prompt Injection challenges, Web-based Security challenges, Reverse Engineering, Cryptography, and OSINT.
- Winner of AI CTF hosted by the AI Village at BSides NYC 2025, and runner up of BugCrowd Student CTF.

Security Blogs: Publishing cybersecurity related articles about CTFs, exam experiences & more on Medium.

TryHackMe: Globally in the Top 1% on the cybersecurity upskilling platform TryHackMe.

Experience

OT Security and IOT Security Intern, **EY (Ernst & Young)** – Mumbai, India   July 2024 – Oct 2024
- Conducted research on OT Security with the help of NIST SP 800-82 Rev. 3
- Developed an IoT Security Project - PACS with Raspberry Pi 4B, Arduino, RFID Technology and MQTT Protocol
- Performed vulnerability assessments on all IoT devices and MQTT communication channels within the PACS project to identify and remediate security gaps

Information Security Intern, **Kalpataru Group** – Mumbai, India   June 2022 – Aug 2022
- Managed an SIEM and Firewall using Netskope, and additionally configured Cisco Anti-malware software
- Performed a Phishing Simulation campaign for Security Awareness and Training, which resulted in 60% reduction in employees falling to actual phishing scams
- Conducted research on Network Security by performing network traffic analysis using Wireshark

Projects

Phishing Email Detector using Deep Learning (AI): github.com/Srihari-Narayan   Sept 2025 - Dec 2025
- Implemented an email classifier which uses a dual tower architecture with multi modal input considering both text (body and metadata) and images (logos), to classify emails as phishing or legitimate with a 99.4% accuracy.
- Tools Used: Python, PyTorch, Jupyter

WiFi Security Research on WPA2 using AWUS036ACH adapter   Feb 2025 - May 2025
- Performed research on WPA2 security, which involved capturing the Handshake packet and performing brute-forcing to crack the WiFi password.
- Tools Used: Kali Linux, ALFA WiFi Adapter (AWUS036ACH), aircrack-ng, airodump-ng, aireplay-ng

Honeypot using RaspberryPi   Dec 2024 - Jan 2025
- Implemented a honeypot on Raspberry Pi which would send an email alert if it detects an intrusion attempt.
- Tools Used: Kali Linux, Raspberry Pi

Asclepius   Sept 2023 - June 2024
- Developed an integrated Healthcare Chatbot platform with Facial Recognition (for authentication) which automates patient diagnosis using ML, and then connects the patient with a doctor over a secure channel using RSA.
- Tools Used: Python, cv2, Flask

Tools:

Kali Linux, BurpSuite, Wireshark, ZAP, Metasploit, AWS, ALFA WiFi Adapter, Netskope, Nessus, BloodHound, Azure