

ANISH KUMAR VEDANT

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SUMMARY

A graduate student specializing in Cyber security and networks, possessing strong leadership qualities and expertise in Python, C++, Kali Linux, and various network tools, demonstrates an unwavering commitment to providing value as a Cyber security engineer. Actively pursuing spring and summer internship opportunities at your company.

EDUCATION

University of New Haven

Master of Science, in Cyber security and Networks

Awards: Third place in Case Competition

West Haven, CT

August 2023

GPA: 3.7/4.0

University of Mumbai

Bachelor of Technology, in Electrical Engineering

Awards: First place in the Research Excellence (Undergraduate Student-Regional)

Mumbai, Maharashtra

August 2019

GPA: 3.5/4.0

TECHNICAL SKILLS

- **Frameworks and libraries:** Django, NumPy, Pygame, Pandas, Scikit-learn, TensorFlow, Keras, Tkinter, requests, OpenCV, socket, Keras, seaborn, Selenium, Matplotlib, Node.js
- **Cyber security Tools:** Metasploit, John the Ripper, Wireshark, Nmap aircrack-ng, Burpsuite, Proxy
- **Concepts:** Machine/Deep learning, Data Analysis/Visualization, CCNA, Intrusion Detection, Cryptography, Networking

INTERNSHIP EXPERIENCE

Agrim Power Pvt Ltd

Web Developer & Deep Learning Engineer, Intern

Thane, Maharashtra

August 2022 – June 2023

- Developed a custom power metering and fault detection project, improving predictive modeling accuracy by 35% via ESP32 interfacing and CAN protocol integration and Improved real-time data collection, reducing development time by 40% and enhancing remote battery health monitoring by 50% with advanced deep learning algorithms.
- Demonstrated proficiency in HTML, JS, CSS, AWS, and VMware, resulting in a 30% reduction in server response time.

PUBLICATIONS

University of Mumbai - Detecting Cyber Attacks in a Cyber-physical Power System

June 2023 - December 2023

- Developed an intrusion detection system (IDS) algorithm to address vulnerabilities stemming from smart devices and data exchange. Classified different attacks and evaluated performance using accuracy as a key metric.

University of Mumbai - Practical Byzantine Fault Tolerance Blockchain for Securing V2G

June 2023 - December 2023

- Improved vehicle-to-grid (V2G) technology with blockchain-based security for confidential data transfer.
- Implemented PBFT blockchain system, demanding at least 33% network manipulation for a successful attack.

PROJECTS

University of Mumbai - Advance Keylogger Software

January 2023 - March 2023

- Created a discreet keylogger with a 90% success rate in capturing user keystrokes, including passwords, while operating covertly in the background of computer systems, remaining undetected in 95% of cases.

University of Mumbai - Messaging application

August 2022 -November 2022

- Developed a secure messaging application utilizing the socket library, enabling users to exchange encrypted messages. Implemented AES encryption for robust security.

CERTIFICATIONS

- Certification in “Python Programming” from Coursera
- “MATLAB” & “Machine Learning & IoT” Courses at St. Francis Institute of Technology
- MATLAB Onramp Course Completion Certificate by Mathworks in July 2022
- Certified “Ethical Hacking for Cybersecurity and Android Development using Kotlin” from Internshala