Sriman Reddy Rondla

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EXPERIENCE

Graduate Teaching Assistant in Cyber Security

Clark University   **Aug 2024 – Dec 2024, Worcester**

· Assisted in teaching Cybersecurity fundamentals to 50+ students, utilizing Splunk and Wireshark for hands-on labs.
· Developed instructional materials on penetration testing and incident response, improving student comprehension by 20%.
· Supported faculty with grading and lab setup using Kali Linux and Metasploit environments.

PROJECT

Splunk Application: Chicago Crime Analysis

August 2023 – December 2023

· Analyzed 10,000+ crime records with Splunk, creating dashboards in Tableau to visualize trends.
· Presented findings to peers, improving data-driven decision-making skills.

ML approach to Prevent and Detect BOTNET Attacks

April 2022–March 2023

· Orchestrated a comprehensive ML solution that achieved a 99.83% accuracy rate in botnet detection, utilizing an ensemble of sophisticated algorithms and real-time data analysis to bolster network security and resilience.

E-MAIL Spam Detection using Machine Learning

February 2022–May 2022

· Designed an ML model in Python to detect spam emails, reducing false positives by 15%.
· Implemented feature extraction and classification algorithms to enhance email security.

EDUCATION

Master of Science in Information Technology

Clark University · Worcester, MA · 2025 · 3.7/4

· Relevant Coursework: Cybersecurity, Network Architecture, Data Mining with Splunk, IT Project Management, Agile Methodology

Bachelor's in Information Technology

Kakatiya Institute of Technology and Science · Warangal, India · 2023 · 7.3/10

· Relevant Coursework: Cryptography & Network Security, Machine Learning, Data Structures, Database Management Systems

CERTIFICATIONS

Programming for Everybody (Getting started with Python)

Introduction To Cybersecurity

ISC2 Candidate

INVOLVEMENT

Co-Founder

Saheli

· Co-founded a social impact program empowering 200+ rural girls with education and menstrual health resources.
· Led workshops, increasing awareness by 50% and fostering open communication in the community.

SKILLS

- Programming Languages: C, C++, Python, Java, JavaScript, SQL, Assembly Language
- Cybersecurity Tools: Nmap, Metasploit, Burp Suite, Wireshark, Splunk
- Operating Systems: Kali Linux, Parrot Linux, Ubuntu, macOS, Windows
- Data Analysis & Visualization: Tableau, MS Power BI
- Technologies: HTML, OOP, VMware, VirtualBox