Praveen Vadlakonda

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PROFILE

Motivated and enthusiastic Software Engineering undergraduate seeking an entry-level software engineering position at a technology-driven company. Eager to contribute to innovative projects while continuously learning and adapting to new tools, frameworks, and technologies. Known for quick learning, strong problem-solving skills, and a passion for building efficient software solutions.

EDUCATION

MALLAREDDY INSTITUTE OF TECHNOLOGY 2021 – 2025 | Hyderabad | 71%
BTech. Computer Science and Engineering

SRI CHAITANYA JUNIOR COLLEGE 2018 – 2020 | Jagtial | 96.3%
Board of Intermediate(MPC)

SIDDHARTHA HIGH SCHOOL 2018 | Korutla | 9.3
Secondary Education

SKILLS

Programming Languages: Python, C, JavaScript

Web technologies: HTML5, CSS3

Databases: MYSQL

PROJECTS

Malicious URL Detection based on Machine Learning
Developed a machine learning-based system to detect malicious URLs using classifiers like Support Vector Machines (SVM) and Random Forests (RF). Collected different types of data from URLs, such as their structure, host details, and content, to train the models. The system showed high accuracy and few false alarms. Also tested combining multiple models to improve results. This project offers an automated and scalable way to detect dangerous URLs in real time, with plans to use deep learning and live threat data in the future.

Image Steganography with CNN based Encoder-Decoder Model
Image steganography is a technique used to hide information within digital images, making it difficult to detect the presence of the hidden data. This study introduces a novel image steganalysis approach combining a customized Convolutional Neural Network (CNN) with an encoder-decoder architecture to improve detection accuracy and efficiency. The CNN extracts key features from steganographic images, while the encoder-decoder network reconstructs the original image, identifying artifacts from hidden content. By training on a diverse dataset, the model detects subtle steganographic patterns and compares reconstructed images with the original to accurately identify hidden data. This framework offers a robust, scalable solution for digital forensics and cybersecurity applications.

INTERNSHIPS

- Web Development Internship by Pinnacle
- Mastering Python Using Numpy, Pandas-UDEMY

ACHIEVEMENTS

- Leadership Certificate represented by Lions International
- Winner position in Chess on Sports Meet-2K24
- Winner position in Carrom on Sports Meet-2K24

HOBBIES AND INTERESTS

- Playing Chess
- Drawing
- Listening to Music

LANGUAGES

English
Fluent

Telugu
Mother Tongue

Hindi
Intermediate

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief. I take full responsibility for the accuracy of the details mentioned in my resume.

Praveen Vadlakonda
Hyderabad