Kodandaram Sri Satya Sai Merla

✉ kmerla@gmu.edu 📞 +91 9494836187 in Kodandaram M ⌗ Kodandaram2112

CAREER OBJECTIVE

As a Computer Science student, I am eager to leverage strong proficiency in Python, familiarity with Git/GitHub, and experience with Python environments (Colab, Conda, Jupyter) to contribute to innovative research projects. Possess a strong foundation in Linux and a keen interest in gaining hands-on experience with cutting-edge HPC technologies and resources.

SKILLS

Python, Google Colab, Jupyter, Anaconda, Communication Skills, Problem Solving, Linux, Git, Github, Javascript, C, Java, HTML, CSS, React.js, DSA, SQL, PL/SQL

EDUCATION

Bachelor of Technology, Computer Science and Engineering,   May 2020 – May 2024
Velagapudi Ramakrishna Siddhartha Engineering College   CGPA : 8.34/10
Major Courses: Python(**A+**), Advanced DSA(**A+**)
Activities:
  - Led a study group of 8 juniors and helped in boosting their grades
  - Organized many college events(INFINITO22, CSENCIA23)
  - Conducted a Cyber Security Awareness Program for school children as a NSS volunteer

PROJECTS

Deep Sight
This project uses EfficientNet and transfer learning to classify retinal images, aiding in diagnosing conditions like Cataract, Glaucoma, and Diabetic Retinopathy. Advanced preprocessing enhances image quality, improving accuracy for healthcare professionals.
Tools: **Jupyter, Tableu**

Speak Ease
This project automates form filling via voice commands, employing Hidden Markov Models and MFCC for accurate speech-to-text conversion. The system enhances efficiency in various contexts like job applications, streamlining manual processes with advanced speech recognition technology.
Tools: **Jupyter, Tableu**

CERTIFICATES

CiscoNA: NDG Linux Essentials | CiscoNA: NDG Linux Unhatched | CCNAv7: Introduction to Networks

PUBLICATIONS AND ACHIEVEMENTS

Voice Enabled Form Filling Using Hidden Markov Model, IACC 2023 🔗

Honors in Full Stack Development during my Undergraduation

Finalist of HACK2LEAP'22

INTERESTS

Film Making 🔗 | Writing | Coding