**Sannidhi Sri Sai Hanuma**

**EDUCATION**

* **B.Tech** **Computer Science and Engineering – Artificial Intelligence**

**CGPA – 8.24 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 96.7% **2019**

Institution: Narayana Junior Collage

* **Class 10** – 100% **2017**

Institution: Vasavi Ideal Public School

**PROJECTS**

**Speech Emotion Recognition Using CNN-LSTM And Vision Transformer**

We propose the application of attention based deep learning techniques to process and recognize speech

emotions using CNN-LSTM and Mel Spectrogram-Vision Transformer based models. Both the models

performed well by surpassing the existing benchmarks

**Hate Speech & Offensive Language Detection in English**

Analyzed Designing and Modelling ML solutions for offensive & hate speech detection. Experimenting with

BERT embeddings for Transformer Explain ability in contrast with W2V and TF-IDF encoding.

**MINI PROJECTS:**

HR analytics using Big Data Management, Mosquito detection on human skin-(2022 dataset), deep

reinforcement learning for imbalanced data, etc.

**TECHNICAL SKILLS**

Python, SQL

**INTERNSHIP**

**KL university, Research Intern**

The internship module I finished is a component of the ongoing "Speech Quality Control" MEITY, Government of India financed project.

During the internship I devised a frame[work titled S](https://drive.google.com/file/d/1Gu7jKahpfjerOY3IbYlMVtYsZTjCWy2c/view?usp=sharing)peaker Recognition Using GMM.

**Forsk Technologies, Project Internship**

Collaborated with Research development team to work on project titled “E-commerce Store Review Text Classification using ML & AI Techniques”

**CERTIFICATIONS**

IBM Data Science - Professional Certificate, Data Science Methodology, Python Project for Data Science,

Databases and SQL for Data Science with Python

**ACHIEVEMENTS & HONOURS**

Vehicle Detection from Aerial Imagery Using Principal Component Analysis and Deep Learning - ICEAAI

2022 (Accepted).

Speech Emotion Recognition Using CNN-LSTM And Vision Transformer - ICEAAI 2022 (Accepted).

Scholarship for securing good rank in University entrance test

**EXTRA CURRICULAR ACTIVITIES**

**University Techfest**

Part of Financial wing which oversees the Techfest's finances

Participated in the Cyber Security Workshop Committee as an executive member.

**Class Representative, Student’s Council, Amrita Vishwa Vidyapeetham**

**vice-captain of the team for SAI inter-regional volleyball in school**

**LANGUAGES**

English, Telugu, Hindi