

V. S. CHAITANYA KOLLIBOYINA

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EDUCATION

B. Tech in Artificial Intelligence Engineering

August 2019 - 2023

Vidya Jyothi Institute Of Technology, Hyderabad

CGPA: 8.01/10

SKILLS

Languages	Python, C++, Mysql
Programming Frameworks	Tensorflow, Scikit - Learn, Pandas, NumPy, Matplotlib, Seaborn,
Technologies	Deep Learning, Machine Learning, Computer Vision, Git

EXPERIENCE

Kefistyllo - Technical Content Developer Intern

Apr 2022-Oct 2022

- Research in Machine Learning, Deep Learning, Writing research papers, dissertations on Machine Learning, Computer vision, Deep Learning.
- Implemented various machine learning models and algorithms like XGBoost, CatBoost, DecisionTree and wrote articles on them.

PERSONAL PROJECTS

Cyclone Intensity Estimation Using Pre-trained Models (Image Regression) Sept 2022 - December 2022

Contributed to cyclone forecasting and intensity estimation through deep learning and satellite imagery. Trained SOTA models (ResNet50, InceptionV3, ResnetInceptionV2) on INSAT 3D images, achieving accurate cyclone intensity predictions, offering a more efficient alternative to traditional methods like the Dvorak Technique.

Brain Tumor Classification using Deep Learning

Jun 2022 - Aug 2022

Trained models (ResNet50, InceptionV3, InceptionResNetV2, CNN, VGG16, Xception) on Kaggle MRI Scan images, added custom layers, and evaluated performance using Accuracy and precision. Achieved high accuracy (0.96 and 0.956) with ResNet50 and CNN, outperforming other models, in classifying images into Pituitary, No tumor, Glioma, and Meningioma categories.

Sentiment Analysis Classifier using Neural Networks (Tensorflow, Keras)

Mar 2022 - May 2022

- Built a neural network based on LSTM to classify the text into different types of Emotions.
- Model classifies the given text into 1 out of 6 different emotions which are happy, sadness, love, joy, surprise, anger.
- Implemented various NLP preprocessing techniques like Tokenisation, converting text to sequences and padding.

PUBLICATIONS

- Dr. Bhargavi Peddireddy, **Venkata Sai Chaitanya Kolliboyina**, Kamal Kumar Tiruveedula, **Cyclone Intensity Estimation Using Pre- Trained Deep Learning Models**, International Journal For Innovative Engineering And Management Research(IJIEMR), DOI: 10.48047/IJIEMR/V12/ISSUE 01/70
- D. M. Nazeer, **V. S. Chaitanya kolliboyina**, K. K. Tiruveedula, I. s. H. Punithavathi, C. Shwetha and D. Anusha, **"Fall Prediction of Elder Person Using CCTV Footage and Media Framework,"** 2023 International Conference on Emerging Techniques in Computational Intelligence (ICETCI), Hyderabad, India, 2023, pp. 138-144, doi: 10.1109/ICETCI58599.2023.10331422.