Eragudi Babu *Student*

✉ eragudibabu@gmail.com

in Eragudi Babu

○ Yesubab

▣ YesuBabu

Skills

| Java | HTML | CSS | Javascript | Angular |

Courses

Introduction to Machine Learning, *MLRITM-HYD*
Learned about different types of supervised learning machine learning algorithms like linear, logistic regression, decision trees, support vector machines, and unsupervised learning algorithms like clustering(k-means, K-NN, Hierarchal clustering) and Association(Principle Component Analysis, Apriori algorithm,
Singular value decomposition, Independent Component Analysis).

Deep-Learning, *MLRITM-HYD*
Learned about Different Types Of State-of-the-art architectures which were helpful in the detection and classification of many objects(like CNNs, R- NNs, LSTMS, and GANs). Used CNNs and RNNs for image classification and YOLO(you only look once) for object classification, and LSTMs for predicting individual time steps for sequential data.

Data Structures and Algorithms, *MLRITM-HYD*
learned about different data structures like arrays, stacks, linked lists, trees and their types, and also learned about their time complexities and space complexities.

SQL, *MLRITM-HYD*
Learned about Different scalable and optimizable databases where data are stored in a Structured way(table), learned some DML,DDL queries to maintain data in a Structured way

DBMS, *MLRITM-HYD*
Learned about Relational Databases and their structure(design) of them, and learned how to implement queries on structured data.

Education

Bachelors of Technology, *Marri Laxman Reddy Institute Of Technology & Management*
06/2019 – present | Hyderabad, India
Pursuing Computer Science And Engineering

Projects

Auto Capture Selfie By Detecting Smile.
04/2022 – 05/2022
Everyone loves a smiling picture, so in order to capture images every time you smile this is a sample machine learning project and we will use here an OpenCV library.

Mahabharata Character Detection,
Multi-Class Object/Character Detection
02/2022 – 04/2022
Character recognition/detection of multiple characterized characters in a custom dataset Using Different State-Of-The- Art Architectures, architectures used for classification(Resnet- 50, Vgg-19, Densenet-121, Efficientnet, Vision Transformers) and for detection(Detectron-V2 and YOLOv5)

Crypto currency value Prediction,
Time Series Prediction Using ARIMA and SARIMA
04/2021 – 05/2021
Cryptocurrency valuation for each week, month, or seasonal time. Using ARIMA and SARIMA time series algorithm for currency value Prediction.

Hybrid ML and DL models for Flood Level Prediction
04/2022 – 05/2022
Applying different machine learning and deep learning architectures for predicting flood levels based on different factors, and finally choosing one perfect model with good accuracy and precision.

Creating Private Cloud Storage
02/2021 – 04/2021
Building a private cloud network or service using Raspberry Pi3 and other API's

Automatic Medicinal Reminder
02/2019 – 04/2019
Automatic Medicinal reminder using Arduino(micro processing unit)