

Contact

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Useful Links:
[LinkedIn](#) | [GitHub](#) | [kaggle](#)

Education

B.Tech – Computer Science and Engineering

Amrita School of Engineering,
Coimbatore

AUG 2018 – (Ongoing)

Score: 8.87 CGPA (till V Sem)

XII Standard – Mathematics and Science

Excellencia Junior College, Hyderabad

APR 2016 – MAR 2018

Score: 97.8 %

X Standard

VRS AND VJ Residential School,
Hyderabad

APR 2012 – MAR 2016

Score: 10.0 CGPA

Skills

Languages: Python, C, Java, HTML, Javascript

Coursework: Problem Solving, Data Structures, Algorithms, OOP, DBMS, Computer Architecture

Frameworks: OpenCV, YOLO, Openpose

Industry Knowledge: Machine Learning, Deep Learning

Courses / Trainings

Machine Learning
[Udemy](#) | 03/27/2020

Deep Learning
[Udemy](#) | 04/25/2020

Deep Learning and Computer Vision
[Udemy](#) | 04/04/2020

Structuring yolov4
[Udemy](#) | JULY 2020

Ganapathi Subramanyam Jayam

V Semester - B.Tech, Computer Science and Engineering
Amrita School of Engineering, Coimbatore

Work Experience

Anokha 2020 Tech-Fest

FEB 2020

Worked as co-ordinator.

Challenges: I have been part of the Tech-fair organising team as it is the first of its kind in Anokha we have faced lot of problems and successfully learnt the aspects of forming a team and importance roles of a team player.

Projects

Sentiment Analysis | [GitHub](#)

This is my first project in deep learning and the dataset is downloaded from kaggle and in this dataset contains all the customer id's and when a review is given, and whether the review is positive, negative or neutral and I implemented to predict which part of the sentence is responsible for the review being positive, negative or neutral and this can be simply done by using sentiment analyzer in sklearn library but the accuracies are too low.

COVID-19 Data-Analysis | [GitHub](#)

In this project i have done data analyzing on the covid 19 datasets, i have shown the difference between matplotlib,pandas,plotly and plotly express and made different visualisations and also i showed on how to use folium in jupyter notebook. I made detailed description about different plottings in python (Data visualisation).

Google Stock Prediction Using Lstm | [GitHub](#)

In this model i have prepared a network of 4 lstm layers and i choosed adam optimiser and for each layer i had released a drop out of 20% and the model is trained from the dataset taken from google stock from 2012 to 2016 and the predicted using 2017 january dataset and in this model it checks with the last 60 days before prediction and the results are compared by plotting graph with the help of matplotlib.

Smile Detector using Opencv | [GitHub](#)

This is a python code which uses haarcascade files for eye,face and smile detection with the help of opencv we are utilizing these haarcascade files for some face recognition and this calculations are done on cpu and the input is obtained from the webcam the input video is fragmented into frames and these frames are converted into gray images and calculations are done on these grey images and the result is projected back into video on window with the help of opencv