Sai Charan Pinupa

Aspiring data scientist, Current graduate student at IIIT Sri City.

Interested in roles that leverage deep learning and computer vision and help me gain domain expertise, build interesting end user applications.

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EDUCATION

M.Tech-AIML
Indian Institute of Information Technology, SriCity

2020 - 2022 *8.0*

Courses

- Mathematical Foundations, Computer Vision, Reinforcement Learning,NLP

PG Diploma in Big Data Analytics
CDAC-Chennai

2020 *73%*

Courses

- Hadoop, Big Data Analytics

Bachelors of Technology
PVP Siddhartha Institute of Technology

2016 *65%*

Courses

- Computer science Engineering

XII
Sri Chaitanya College

2011 *75.6%*

Courses

- Maths, Physics, Chemistry

X
Bhashyam Public School

2009 *84.33 %*

WORK EXPERIENCE

Data Science Intern
Black Coffer

08/2020 - 05/2021 *Remote*

Blackcoffer is an India and European Union (Malta) based enterprise software and analytics consulting firm.

Achievements/Tasks

- Worked on PowerBi and Google Analytics platforms for performing analytics and built dashboards.
- Experience on Financial Analytics, Website traffic CTR, Drug Statistics

Intern
Broadridge Financial Solutions

08/2021 - Present *Hyderabad*

Broadridge is the leading provider of investor communications, technology-driven solutions ,and data and analytics to the financial services industry.

Achievements/Tasks

- Working on moving the on premise database to AWS, Streaming of data from SQL server to elastic search

SKILLS

Python | Java | MySQL | Apache Spark | PowerBI | Machine Learning | Deep Learning

ACADEMIC PROJECTS

Sarcasm Detection In Telugu Language

- The Project aims to detect sarcasm from the Telugu sentences. data is collected and annotated ,used Telugu sentences and POS tags trained on various machine learning models and achieved an accuracy of 86% and applied LSTM and GRU achieved an accuracy of 90%.

Car Image Segmentation

- Carvana Car Image Dataset is used to segmaente the car images. Done different Data Augmentations and trained on the images on U-NET model to Generate the segmentations and achieved and Dice Score of 97%.

Text to Image Synthesis

- The Project is about to generate the Image from the text description. Flickr8k dataset is used which consists of 8k images and respectively 5 text descriptions for each image and trained on GAN-CLS model to Generate the images.

Music Genre Classification

- The Project aims at extracting different features from the audio files and trained on multiple machine learning models to classify the music genre. It is able to classify 8 genres of music with an accuracy of ~ 90%.

Assessment of datasets using DBSCAN clustering Framework (2016)

- Implemented the DBSCAN algorithm to perform clustering and to interpret the task on datasets. The results are visualized effectively and clearly understandable to user by using Deterministic Data mining tool. GUI Framework is developed and produces the promising results on various datasets. Noisy points and points List are also shown in GUI.