

R Sankeerthan Reddy

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Medium: <https://medium.com/@ratnasankeerthan>

Career Objective

To obtain a creative and challenging position in an organization that gives me an opportunity for self-improvement.

Experience

Data Scientist Intern ,24/03/2020 to 04/08/2020

Sensegrass Inc.-Delhi

- Performing the Spatial Analysis on agricultural data which is collected from drones.
- Wrote Selenium web crawler to scrape and parse unstructured text data for analyzing the crop yield.
- Trained a VGG16 to detect crop land area with 87% accuracy.
- Web scrapping, data visualization, model generation and deployment for the crop land area usage.
- Performed the data cleaning on the images for the agricultural data to perform the analysis.

CAE Intern ,06/2018 to 03/2019

Designtech systems-pune, MH

- Vast experience in part modeling, assembly designing and surface modeling.
- Reviewing the geometry, geometry cleanup,1D,2D,3D Meshing of the geometry.
- Linear analysis, buckling analysis, modal analysis and thermal analysis using hyper works.
- Result interpretation and post processing.
- Good knowledge on Machine design and FEM

Projects

- Human Activity Recognition with simple LSTM Model.
Activity recognition is the problem of predicting the movement of a person, often indoors, based on sensor data, such as an accelerometer in a smartphone
Data Visualization, Python, Deep learning.
- Self-driving car using dash cam video feed.
It is a supervised regression problem between the car steering angles and the road images in real-time from the cameras of a car. The data is collected from the car dash cam.
Data Visualization, Python, Deep learning.
- Detection of covid-19 with chest x-rays using fast.ai
Trained resnet-50 model over the chest x -rays and build the object detection model over it and gained an accuracy with 97%.
Data Visualization, Deep learning. Data Analysis.

EDUCATION DETAILS

- Bachelor of Technology – Mechanical, 2018, Sri indu college of engineering and technology, Hyderabad.
- Board of Intermediate Education – Math, Physics and Chemistry, 2014, Hyderabad
- Board of Secondary School Education – 2012, Bhupallpelly, TS.

Technical Skills

Programing languages : Python, C
Database tools : SQL
Data Analysis : Pandas, Matplotlib, Seaborn, NumPy, Panoply.
ML Toolbox : Scikit learn, SciPy, NLTK, Keras, TensorFlow.

Personal Details

Name : Ratna Sankeerthan Reddy
Father's Name : Ram Reddy
DOB : 25/02/1997
Marital Status : Single
Passport Number : R6887358 Validity:15/03/2028
Languages Known : English, Telugu Hindi

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

(R Sankeerthan Reddy)