



Shubham Kumar

B-tech student

Student of Machine learning and Deep learning || Python/C/C++ Coder || NLP/ Computer Vision Enthusiast

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EDUCATION

3rd Year Bachelor of Technology (B.Tech) in CSE

SRM University

2018 - Present

9.1/10

PERSONAL PROJECTS

Recognizing named entities in twitter (05/2020 - 05/2020)

- On twitter dataset imported we apply the technique of part of speech tagging to define the class to each word in the corpus.

Real or not? disaster tweets (kaggle challenge) (05/2020 - 05/2020)

- Twitter is an important channel now but the tweets of people sometimes are not clear that it is announcing a disaster or not. This project identifies the real disaster tweets.
- Refer to kaggle about data and more information.

Sentiment analysis on IMDb dataset (04/2020 - 04/2020)

- Using NLP I analysed IMDb dataset for movie reviews. The target label is either positive or negative. Model was trained on 25k data. IMDb dataset contains textual short description of movie as input along with label (0,1) as target.

Flight Delay prediction using Random forest classifier (03/2020 - 03/2020)

- I have a project on predicting flight delays using available dataset. It's a classification model which uses random forest classifier.

Fibrosis analysis and regression (kaggle challenge) (08/2020 - 08/2020)

- The aim of this competition is to predict a patient's severity of decline in lung function based on a CT scan of their lungs. Lung function is assessed based on output from a spirometer, which measures the forced vital capacity (FVC), i.e. the volume of air exhaled. We have calculated FVC's for the patient using quantile regression model.
- Refer to kaggle about data and more information.

SKILLS

Python

C++/C

NLP

Computer vision

Tensorflow

Data analysis

scikit-learn

Numpy/pandas

Matplotlib/plotly

Seaborn

Keras

ML

Deep learning

WORK EXPERIENCE

Associate(Intern), Next Tech Lab, SRM, Chennai
(03/2020 - Present)

They have helped me in my personal projects. We do projects alone or collaborating with each other and discuss the projects on meetings.

CERTIFICATES

Convolutional Neural Network (Deep Learning.ai)
(06/2020 - 06/2020)

Named Entity Recognition Using LSTM (Project Coursera) (05/2020 - 05/2020)

Facial Expression Recognition Using LSTM'S (Project Coursera) (05/2020 - 05/2020)

Sequence models (Deep Learning.ai)
(04/2020 - 04/2020)

Natural Language processing using Tensorflow
(04/2020 - 04/2020)

Machine Learning A-Z hands on in python (Udemy)
(03/2020 - 04/2020)

Machine learning by Andrew Ng (Coursera)
(06/2019 - 08/2019)

LANGUAGES

English

Professional Working Proficiency

Hindi

Native or Bilingual Proficiency