

Zeel Thumar

Portfolio | Github Profile | LinkedIn Profile
zeelthumar04@gmail.com | +919978275674

SKILLS

PROGRAMMING

Python
C/C++
SQL
PHP
HTML and CSS
Vanilla JavaScript

GENERAL SKILLS

Data Pre-processing and Visualization
Statistical Analysis
Machine Learning
Deep Learning
- Natural Language Processing
- Time Series Forecasting
Python packages and Frameworks
- Tensorflow, Keras
- Scikit-learn, Pandas, Numpy, Matplotlib
- Huggingface
Data Structures and Algorithm
Web Scraping

SOFTWARE

PostgreSQL and MySQL
Power BI
Git and Github

FAMILIAR WITH

Google Cloud Platform
Docker
Django
Flask
React Js and Node Js

EDUCATION

CHARUSAT UNIVERSITY

B.TECH IN COMPUTER SCIENCE
Changa, Gujarat, India
Cum. GPA: 9.42

LINKS

Portfolio:// [zeel-04.github.io](#)
Github:// [zeel-04](#)
LinkedIn:// [zeel-thumar](#)

SUMMARY

My goal is to pursue a data science career and achieve excellence at deep learning and machine learning as well as in the field of natural language processing. I am seeking challenging environments that will enable me to develop my skills and ultimately contribute something meaningful to the world.

PROJECTS

FAKE NEWS CLASSIFIER USING LSTM | NLP

- Accomplished 91% accuracy in classification of fake news measured by LSTM model's accuracy and F1 score by performing training on dataset of labeled news articles, utilizing word embeddings and LSTM layers for text classification.
- The model is trained to distinguish between fake and genuine news articles by identifying patterns and linguistic cues in the text.

SENTIMENT ANALYSIS WITH BERT NEURAL NETWORK | NLP

- Performed sentiment analysis by using pretrained BERT model from huggingface for deriving sentiment with 5 output labels in form of stars.
- I have leveraged BeautifulSoup library to scrape reviews from Yelp to be able to calculate sentiment on a larger scale.

HOUSE PRICE PREDICTION | ML

- Developed a regression model for predicting house prices by performing data pre-processing, data visualization, predictive modeling, model comparison.
- In this project I handled imbalanced data, outliers, abnormal distribution, feature selection, comparison with similar regression models.

EXPLORING CARBON DIOXIDE EMISSIONS | DATA VIZ

- Designed an interactive dashboard to identify trends and patterns in CO2 emissions across different sectors and provide insightful analysis of the impact of human activities on the environment.
- Worked on visualization library named hvplot and used panel to convert jupyter notebook to interactive dashboard.

ADMISSION MANAGEMENT SYSTEM | WEB DEVELOPMENT

- Reduced human effort in manually filling forms and managing the admission process by developing a web application with various roles and permissions.
- Worked on designing with bootstrap, a MySQL database and PHP as the backend for providing user friendly interaction with various functionality.

INTERNSHIP

BACKEND INTERN | 3fit.club

- Designed a web portal using a wagtail CMS(Content management system) and PostgreSQL database to make web pages extraordinarily dynamic.
- Simplified the process of changing the content that appears on web pages with only a few clicks and the appropriate responsibilities and permissions.