SHAIK MOHAMMED ZUBAIR

Motivated AI/ML Developer proficient in Python and TensorFlow. Skilled in implementing machine learning algorithms and deep learning models. Strong problem-solving abilities and a passion for leveraging AI to tackle real-world problems.

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| GitHub: SmdZubair0 **| Portfolio:** smdzubair0.github.io/Portfolio

SKILLS

PROGRAMMING LANGUAGES: Python, C++, C, Java (basic), JavaScript (basic)
MACHINE LEARNING: Regression, Classification, Clustering
DEEP LEARNING: ANN, CNN, RNNs
NLP: Text preprocessing
LIBRARIES/FRAMEWORKS: TensorFlow, Keras, Scikit-learn, NLTK, SpaCy, Gensim, Matplotlib, Seaborn, cv2
DATA PROCESSING: Numpy, Pandas
Web Technologies: HTML, CSS, JavaScript, Flask
DATABASE: Mysql
TOOLS: VS Code, GitHub, Jupyter Lab, Mysql Workbench, Google Colab

PROJECTS

MOVIE RECOMMENDATION SYSTEM

TECHNIQUES: Data cleaning, Feature Engineering, Word Embedding, NLP techniques
LIBRARIES/FRAMEWORKS: Numpy, Pandas, Scikit-learn,NLTK, Gensim, Flask

- Created a web interface of a model that could recommend a list of movies based on the input title of the movie.
- Collected data and performed data cleaning, feature engineering, word embedding and created a model using Nearest Neighbors
- Provided users with personalized movie recommendations, improving their movie selection process.

HOUSE PRICE PREDICTION

TECHNIQUES: Data cleaning, Feature Engineering, Model Training
LIBRARIES/FRAMEWORKS: scikit-learn, numpy, pandas, matplotlib, flask

- Created a web interface for a model that could predict price of a house based on the given input features
- Collected data and performed data cleaning, feature engineering and then created model using an ensemble technique.
- Achieved a high level of accuracy in predicting house prices using advanced regression techniques and model tuning

SMOKER DETECTION USING CNN

TECHNIQUES: Data collection, Image preprocessing, Model Training, Hyperparameter tuning
LIBRARIES/FRAMEWORKS: pandas, TensorFlow, Keras

- Created a model that could predict if a person is smoking by seeing at the image.
- Collected lots of images and performed preprocessing and data augmentation on those images
- Achieved high accuracy of model by performing hyperparameter tuning and adding layers like Dropouts and Batch normalization

INTERNSHIPS

- DATA SCIENCE INTERN – OASIS INFOBYTE (2023)

EDUCATION

G. PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY (GPCET)

B.Tech, Computer Science and Engineering – Artificial Intelligence
CGPA: 8.9

NARAYANA JUNIOR COLLEGE

Intermediate, MPC
Percentage: 96.7

ACHIEVEMENTS

- Won college level coding contest conducted by Smart Interviews
- Actively participated in DSA training program conducted by Smart Interviews
- Problem-Solving Gold Badge in Hackerrank

COURSEWORK

DBMS
PROBABILITY AND STATICTICS
ARTIFICIAL INTELLIGENCE
MACHINE LEARNING
DEEP LEARNING
BIG DATA
DATA COMMUNICATION NETWORK
OPERATING SYSTEM

CERTIFICATES

- FUNDAMENTALS OF ARTIFICIAL INTELLIGENCE – COURSERA (2023)
- SMART CODERS – SMART INTERVIEWS (2023-2024)
- PYTHON 101 FOR DATA SCIENCE – COGNITIVE CLASSES (2023)
- ML BOOTCAMP – MAKESKILLED (2023)

INTRESTS

Puzzle solving, Blog writing