Syed Danial Khurram

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Skills

- Python
- Deep Learning
- Data visualizing using matplotlib
- Machine learning
- Firebase(auth)
- Flask
- Computer Vision
- Selenium

Extra Side Skills

- **FrontEnd**: React Js, Typescript
- **MLOPs**: AWS
- iOS app development
- SQL

Projects

- Braille Recognition System

  Used computer vision and developed a program to process the image to segmantize the image and crop each character out and make it go through the CNN model and predict its translation. Then made those predictions to come into a list forming words and sentences. Also applying NLP for fixing any wrong misprediction of a character. Integrated a LLM model too for translation from eng to roman urdu.

- Recommendation System for Movies
- Generating Keywords for Google Adds

  Created this project while learning data manipulation and visualization from datacamp and its repository is posted in my gihub.

- Investigating Netflix Movies And Guest Stars in the Office

  Created this project while learning data manipulation and visualization from datacamp and its repository is posted in my gihub.

- Cat And Dog Classification

  Made this program using CNN and trained a model which classified between them.

- Simple Chat Bot on streamlit

  Simple Chat Bot which had some a dictionary of words and had some list of words for which if they were used then the certain type of output shall be given. Project uploaded on github.

- Mobile Price Classification

  A web app which takes in some input data which creates a dataframe and then sends it to three different ML models trained on a dataset picked from Kaggle, the Models: logistic regression, Decision Tree and Random Forest and the output was some range that the mobile would cost.

- Audio ChatBot(reactJs + Flask)

  Used React Js as the front end for creating an interface for users. Used flask as the backend which fetches the voice from the front end processes it and using chat GPT the bot replied with a fixed prompt given to it to act as a service provider. Then that text was changed to voice for the response

- Bull's Eye Game(swift)
- Checklist Reminder App(swift)

  Used Xcode to create such an app which also had a to do list init.

- Video Player(swift)

Experience

ML Internship @Technomide	May 2023 - Oct 2023
Data Scientist @ UdhaarBook	March 2024 - Current

Certifications

- Data Manipulation with pandas from DataCamp
- Introduction to Data Visualization with Matplotlib from DataCamp
- Natural Language Processing with spaCy from DataCamp
- iOS app development from Zeal Tech
- Artificial Intelligence from PIAIC batch 36
- Deep Learning AI for everyone from Coursera
- TensorFlow in Python from DataCamp Advanced
- DeepLearning with keras

Education

PAF KIET University

- Bachelor of Science in Computer Science (BSCS)

2020 - 2024

College For Advance Studies

- Intermediate in Comp-Sci

2018 - 2020