Falguni Pawar

Programmer

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Pune , India 📍

Aspiring IT professional with experience of numerous projects in Programming, Machine Learning(NLP), Data Analysis. Searching for favorable career opportunities that would assist me in gaining greater practical excellence in the IT and software industry

WORK EXPERIENCE

Remote Intern
TCS ION

08/2020 - Present
Automatic emotion analysis of textual comments and feedback

Achievements/Tasks

- Tools and Programming Language used : **Google Colab, Python**
- Dataset : IMDB movie review sentiment classification dataset
- Visualized the text corpus by generating a word cloud to show the frequency of each word in the corpus
- Developed a text preprocessing pipeline consisting of text normalization, tokenization, stop word removal, stemming, removing HTML tags, etc
- Aiming to build a document term matrix using a bag of words, TF-IDF, Word2Vec techniques whichever works best for the use case
- Aiming to train the Naive Bayes, SVM, LSTM model with necessary hyperparameters tuning to achieve the best accuracy.
- Planning to compare performance of each model with NLTK sentiment analyzer.

Contact: *Sanket Chavan (Mentor) - chavansanket193@gmail.com*

PROJECTS

Portable Database for storing secret files. (01/2020)
- Tools and Programming Language used : **SQLite, Python**
- Designed a password protected safes for every user in the database(SQLite)
- Achieved the operation like storing and opening of the secret file with the few commands
- Enabled migration of secret files from one machine to another with ease

California House Price Predictor (05/2020)
- Tools and Programming Language used : **Heroku, Flask, Python, sklearn**
- Exploratory Data Analysis on California housing dataset
- Trained regression model with 90% accuracy to predict the house prices based on 8 features
- Developed web application using flask back-end framework with small UI for user input
- Deployed the app and trained model on Heroku(SaaS) with all required dependencies.
- Enabled easy access to every user who wants to get the estimates of house prices in CA

EXTRACURRICULAR ACTIVITY

"Robin" - Volunteer
Robin Hood Army (RHA)

Pune
The Robin Hood Army is a zero-funds volunteer organization that works to get surplus food from restaurants and communities to serve the less fortunate.

1st Prize - Annual Competition - Solo Dance
St. Joseph's convent senior secondary school

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Marathi
Native or Bilingual Proficiency

ACHIEVEMENTS

Kathak Pravshika Poorna (Level 3)

TECHNICAL SKILLS

Programming languages
Python, C, C++, SQL

Cloud-Based Technologies & Tools
AWS(Beginner), MS Office, Google Colab

Concepts
Data Structures & Algorithm, OOP, DBMS

SOFT SKILLS

Critical Thinking   Communication

Diversity of Interest   Collaboration

Decision Making

EDUCATION

BE in Computer Engineering
RMD Singhgad School of Engineering, Warje, Pune

2018 - Present
64% (6 semesters)

Diploma in Computer Engineering
Shree Gulabrao Deokar College of Polytechnic, Jalgaon

2015 - 2018
77%

PUBLICATIONS

Research Paper
Survey of Traditional and Blockchain-based EHR System
June 2020
International Research Journal of Engineering and Technology

CERTIFICATES

Python Specialization - Coursera

Complete Python Bootcamp - Udemy

Fundamentals of C - Coursera

INTERESTS

Artificial Intelligence   Travelling

Dancing   Modelling