Suraj Bhandari

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EDUCATION

University of Petroleum and Studies

- Master in Computer Application
- CURRENT CGPA-7.8
- Expected July 2024

Graphic Era Deemed to University

- Bachelor in Computer Application
- 2019-2022
- CGPA-8.6

HIGHER SECONDARY

- Baluni Public School
- 2017-2019

COURSEWORK

- Object Oriented Programming
- Data Structure and Algorithm
- AI/ML
- Computer Networks

Skills

Experienced

Python

DBMS

Django

Html CSS JS

Familiar

Git and Git Hub

Java, C

SQL, SQL Lite3

Microsoft Excel

Links

Github:https://github.com/SurajBhandari5110

Linkedin:https://tinyurl.com/2ykvsfoj

EXPERIENCE

Intern/UPES 01July-Aug,2023

In this internship, I made a project, which aims to offer flexibility for teachers to schedule their teaching hours and for students to choose their preferred teachers. The system includes a login page for students and teachers, where they use their SAP ID and password (initially set as their SAP ID) to log in.
Teachers can view their details and book their teaching slots by selecting subjects, each associated with a specific credit limit. Once they've used all their credits for a subject, it becomes unavailable. Teachers can also make changes to their timetables by adding, removing, or changing slots. Students are given priority based on fee payments and can choose teachers based on availability and subject preferences.
The Head of Department sets a limit on how many teachers a student can select, and teachers also have allocation limits. This system will be implemented in our college to enhance scheduling flexibility for both teachers and students.

PROJECTS

WEB APP FOR FACULTY AND STUDENTS 1JUL-31AUG,2023

During my internship at UPES, I developed a comprehensive ERP model (using Python, Django, SQL, HTML, CSS, and JS) exclusively accessible to UPES faculty and students. Users can log in using their SAP IDs and passwords. Within this system, teachers have the flexibility to select their preferred time slots for teaching and create their weekly timetables. Simultaneously, students can choose their preferred teachers from whom they wish to study. Both teachers and students have allocated credits that they must fulfil as part of their academic requirements. This ERP model empowers UPES faculty and students with greater control over their schedules and academic choices, enhancing the overall learning experience.

PERSONALITY PREDICTION SYSTEM USING NLP 2OCT-PRESENT

In this project, a personality prediction system based on the OCEAN model is being developed. OCEAN is an acronym for the Big Five personality traits: Openness, Conscientiousness, Extroversion, Agreeableness, and Neuroticism. The system prompts users with a set of questions, and their responses are analyzed to determine their personality traits. Python libraries such as NumPy, Pandas, Matplotlib, and OS are used for data manipulation, visualization, and general functionality.

Furthermore, the project aims to enhance accuracy by incorporating additional inputs from users, including voice and image data. The system evaluates voice characteristics such as tone and speaking style for insights into personality. Additionally, image analysis considers factors like dressing style to contribute to a more comprehensive personality prediction. The ongoing development involves the implementation of the K-means algorithm and Natural Language Processing (NLP) techniques to refine and optimize the accuracy of personality predictions.

As the project progresses, the goal is to achieve a high level of accuracy, potentially reaching 99%, in predicting personalities based on a combination of responses, voice characteristics, and image features.

IT CERTIFICATE/ ACHIEVEMENTS

- Google Analytics for Beginners (2022)
- International certification for completion of Python Course from Kadiri University Indonesia (July 4th - 14th, 2022).
- Certification for Mastery in Python, Java and Problem Solving (Intermediate) Hacker Rank (2022)