AADITYA SINGHAL

Programming Enthusiast

Enthusiastic and Responsible Student . Love to Explore and Learn new tech everyday.

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SKILLS

Python | C++ | C | HTML | JavaScript | jQuery | CSS | Machine Learning | Flask | OpenCV | Problem Solving | Firebase | Jupyter Notebook | Git

EDUCATION

Computer Science and Engineering
Seth Jai Parkash Mukand Lal Institute Of Engineering And Technology

2019 - 2023 *Radaur*

Higher Secondary Education
Aggarsain Public School

2018 - 2019 *Kurukshetra, Percentage-83.4%*

Courses

- Non-Medical

INTERNSHIPS

Data Science & Business Analytics
The Sparks Foundation

02/2021 - 02/2021 *remote*

Tasks

- Here we had to perform tasks related to Data Science. We had to perform Detailed EDA on the given dataset and also to apply specific ML model on the dataset and visualize the results

PROJECTS

Sportify- Sports Web App (03/2021 - 04/2021)

- This is a sports web app which lets user to get latest information about their favourite sports in detail. The frontend tech used is **HTML, CSS, jQuery and Backend Tech Used is Flask. The database was Firebase**.
- **Web App Link** - Sportify - A personalized Sports App (sportify-sports-web-app.herokuapp.com)

Meme Stream (02/2021 - 02/2021)

- This is a meme stream web app built with **flask** as backend and HTML, CSS and JS as frontend. Here user can post his own meme and can view others shared meme. The Project was the part of **crio winter of Doing** where I Completed to **Stage-2** where we had to build this project.
- **Web App Link** - Meme Stream (x--meme--stream.herokuapp.com)

Facial Expression Prediction (12/2020 - 01/2021)

- This is a **GUI Application** for recognizing live facial expressions using ***Tensorflow*** and **O*penCV***. Firstly Tensorflow is used to train the model. After that prediction is done using OpenCV. The application is built with **Tkinter.**
- **Github Link** - Aaditya1978/Facial-Expression-GUI: This is a GUI Application for Facial Expression Recognition. (github.com)

ML Automator (08/2020 - 09/2020)

- A Web App which provided Feature Engineering Tools, **Exploratory Data Analysis,** Machine learning **model building** and training in a very easy and automated way. It was built using **Streamlit module.**
- **Link of Web App** - Streamlit (ml-automator.herokuapp.com)

COVID-19 Sentiment Analysis (06/2020 - 07/2020)

- A web app for analysis of people's sentiments during lockdown in India . It provided proper sentiments analysis of peoples during lockdown with having relevant **graphs, tables, and plots** all of this is compiled into a web app built with **Flask , HTML, CSS and JS.** The project was for **IBM Hack Challenge 2020**
- **Github Link -** SmartPracticeschool/Covis (github.com)

EXPERIENCES/ACHIEVEMENTS

Hackathon - IBM Hack Challenge 2020 (06/2020 - 07/2020)

A web app for analysis of people's sentiments during lockdown in India . It provided proper analysis with relevant graphs, tables, and plots . It was built using Flask, HTML, CSS, JS.

Publication - Facial expression detection using Machine Learning in Python (01/2021 - 01/2021)

Got published my article on Facial Expression on Analytics Vidhya's Medium Page