Lokesh Tanwar

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github

EDUCATION

IIT JODHPUR
B.Tech in Electrical Engineering
Current CGPA : 7.57 (TILL 4TH SEMESTER)

Yadav Bharti School,Bikaner
XII : 96.8 PERCENT

Saint Peters School,Bikaner
CLASS X: 94.5 PERCENT

COURSEWORK

UNDERGRADUATE
Pattern Recognition and Machine Learning
Data Structure and Algorithms
Intro to Computer Science
Probability, Statistics and Stochaistic processes
Digital Design

SKILLS

PROGRAMMING
LANGUAGES :
C/C++ • Python • Javascript
HTML
Frameworks
•Django
•NODE JS
• Tensorflow
• Pytorch
• Verilog

ACHIEVEMENTS

• Team Rank 5 among 108 teams registered under Summer Challenge on Writer Verification, under NCVPRIPG'23
• Jee Advanced 2021 : AIR 12033

PROJECTS

SUMMER CHALLENGE ON WRITER VERIFICATION, UNDER NCVPRIPG'23 | ● GITHUB| ● CODE
MACHINE LEARNING | DEEP LEARNING | COMPUTER VISION

- Summer Challenge on Writer Verification, hosted as part of the National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics.
- Use the concept of convolution neural netwok(CNN) and Machine learning to automatically determine whether the given two handwritten text are written by the same writer or different writers.
- Among the finalist of the challenge (Team Rank -5 out of 108 team registered all over India)
- Deployed the model on a website for easy user interface

DIABETESE CLASSIFICATION
| scikit learn | Pytorch |
GITHUB

- Purpose of these project is to predict diabetese based on some medical parameters
- Used different classification techniques like random forest,SVM, Neural Network and compared and analyzed those model based on F1-score and accuracy.
- Used Scikit learn and pytorch to train and preprocess the data.

EASY GUIDANCE APP
| Django | Html | CSS | Javascript|
GITHUB

- Build an website on which people who have achieved something in their field can guide the people who also have same aspirations to achieve in that field wether it is related to art,sports or academics.
- Developed a full stack website using **Django**
- Also integrated **Redis server** to provide realtime chat facility

PING PONG GAME
| Verilog | Hardware programming |
GITHUB

- Implemented the Ping pong game on hardware level
- Used 8*8 Led matrix and Xilinx PYNQZ2 board
- Also used 7-segment display to show the scores of the players

INTEREST

CODING
TABLE TENNIS