Saqiba Juna

Computer Systems Engineer

Looking forward to work, where my knowledge regarding web development will be helpful.

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EDUCATION

ME-Computer and Information Engineering
Mehran UET,Jamshoro

01/2020 - Present

BE-Computer Systems Engineering
Mehran UET, Jamshoro

01/2016 - 11/2019   *3.42*

PROJECTS

INTELLIGENT TRAFFIC ANALYSIS SYSTEM (FYP)
- Subject : Image Processing
- Intelligent Traffic Analysis System' which is designed to detect, classify and count objects (vehicles and pedestrians). The system is implemented on traffic ways where the traffic management authority wants to analyze traffic flow. Results can be stored into database in case of future needs. Objects are classified into 5 classes. Car, Bike, Bus, Truck and Pedestrian

Stock Price Forecasting Web App
- Subject : Time Series Forecasting
- This is the Stock Price Prediction web App in Python using streamlit, yahoo finance, and Facebook Prophet
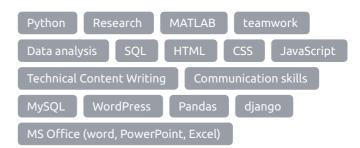- https://stock-price-forecast.herokuapp.com/

CREDIT CARD FRAUD DETECTION USING SMOTE
- Subject : Machine Learning.
- Credit card fraud detection system using Logistics Regression and SMOTE (Synthetic minority optimization technique) aims in identifying the fraud transactions occurring during the transactions made by the card holder. The system also aims to improve the convergence speed and solves the data imbalance.

Analyzing Recorded Audio with Sampling and Quantization Techniques & Gender Recognition with Autocorrelation
- Subject : Digital Signal Processing - MATLAB
- The idea behind choosing this project is to analyze and recognize the gender from recorded audio such as human voice with the help of auto-correlation, sampling and quantization . For real time recording we have to take user input audio using MATLAB and in last we compare quantizers of different word length and compare their results and demonstrate that.

WORK EXPERIENCE

Internee - Front-end developer
Interns Pakistan

03/2020 - 04/2020   *Online*

Achievements/Tasks
- WordPress-based Self Content Writing Blog: Splendid Words. https://saqibajuna.home.blog/
- Dashboard using React.js https://4msbw.csb.app/

SKILLS

Python   Research   MATLAB   teamwork

Data analysis   SQL   HTML   CSS   JavaScript

Technical Content Writing   Communication skills

MySQL   WordPress   Pandas   django

MS Office (word, PowerPoint, Excel)

CERTIFICATES

Microsoft Technology Associate: Python
 (12/2020 - Present)
Credential ID : wMsBc-FaXo

Coursera Certificate : AI for Everyone

HackerRank Certificate : Python (09/2021 - Present)

Coursera Certificate : Python Basics

Huawei Certification HCIA-AI (08/2020 - 08/2023)
Credential ID : 01010200180804649575757

LANGUAGES

English   ●●●●○

Urdu   ●●●●○

Sindhi   ●●●●○

INTERESTS

Blogging   Reading   Drawing