NAFEES SHAIKH

LINKEDIN

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OBJECTIVE

Data Science student with a strong foundation in machine learning, data analysis, and image processing. Skilled in Python and experienced in developing Innovative projects like a signature and fingerprint matching system. Seeking opportunities to apply my analytical and technical skills in solving real-world problems.

EXPERIENCE

Fresher

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EDUCATION

Reena Mehta college

Pursuing 3rd year

BSC Data science

New Era junior college

2022

HSC
47%

Rafiuddin fakhi boys high school

2020

SSC
67.20%

PROJECTS

Signature and Fingerprint Matching System

Developed a desktop application using Python, Tkinter, and OpenCV to compare and verify signatures and fingerprints. The system preprocesses images, extracts ORB features, and matches them using a brute-force matcher. It provides a visual representation of matches and determines whether two images are similar based on a defined threshold. The application supports image selection through a GUI and includes both signature and fingerprint matching functionalities.

Text Processing Tool

Built a Python-based tool with text summarization, translation (20+ languages), and text-to-speech features.
Integrated algorithms like LexRank, LSA, and Luhn for summarization and Google Translator API for translation.
Supported TXT, DOCX, and PDF file processing with a user-friendly Tkinter GUI.

INTERESTS

- Artificial intelligence
- Data science
- Education

CONTACT

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SKILLS

- Python
- SQL
- Tableau
- Microsoft office
- Problem solving
- Team collaboration
- Communication

ACHIEVEMENTS & AWARDS

Signature & Fingerprint Matching System, Secured 3rd Prize in a model- making competition for developing a Python-based authentication system using ORB feature extraction and OpenCV

LANGUAGES

- English
- Hindi
- Urdu

ACTIVITIES

- Attended power BI work Shop
- Participate Debugging commotion
- Participate model making competition
- Participate Emerging trend in Cyber security