

PANKAJ SADHUKHAN

Pursuing M.Sc. Computer Science

@ pankajsadhukhan243@gmail.com
(+91) 9339447515

in <https://www.linkedin.com/in/pankaj-sadhukhan/> <https://github.com/PANKAJ-SADHUKHAN>

EDUCATION

M.Sc. - Computer Science Honours

Ramakrishna Mission Vivekananda Educational and Research Institute

Aug 2023 – Present CGPA: 5.40 upto 1st sem

B.Sc. - Computer Science Honours

Ramakrishna Mission Vivekananda Centenary College

Jul 2020 – July 2023 CGPA: 9.31

Higher Secondary(10+2) - Pure Science

Ramakrishna Vivekananda Mission Vidyabhawan

2018 - 2020 Percentage: 87.8%

Secondary(10)

Ramakrishna Vivekananda Mission Vidyabhawan

- 2018 Percentage: 86.2%

COURSE WORK

- Discrete Math
- Data Structures and Algorithms
- Probability
- Linear Algebra
- Machine Learning
- Database Management System (Ongoing)
- Deep Learning and NLP (Ongoing)

COMPLETED PROJECTS

Career Prediction Using Machine Learning

Machine Learning | Python

05/2024

- Built various ML models to provide career predictions tailored to individual strengths and interests.
- Calculated feature importance to understand key drivers of predictions.
- Implemented Random Forest for robust ensemble learning, improving predictive accuracy.

Question Answering App from Database

Android | Langchain

03/2024

- A question answering app integrated natural language processing with database querying.
- Created a user-friendly app where users can input questions and receive answers directly.

Calculator App

Android | JAVA

07/2022

- Developed a basic calculator app using Java in android studio.
- For arithmetic functionalities such as Addition, Subtraction, Multiplication and Division, used "io.apisense/rhino-android:1.0".
- Added responsive buttons and kept the layout clean for easy user interface.

Weather Monitoring App

Weather API | tkinter Module | Request in python

04/2021

- Developed a weather monitoring application using Python and weather api for realtime data.
- Utilized Tkinter for creating interactive and user-friendly interface for displaying weather information.
- Integrated PIL for image handling.
- Retrieved and processed weather data efficiently using requests library.

ONGOING PROJECTS

Multilingual Characterization and Extraction Narratives from Online News.

Deep Learning | Natural Language Processing

- The internet has opened many possibilities to create direct communication channels between information producers and consumers. On the other hand the different way of narrating of the content may mislead the audience.
- To support end-users in analysing the news ecosystem and characterizing manipulation attempts.
- Subtask consists of entity framing, narrative classification and narrative extraction.

Enterprise Resource Planning Software with LLM Integration

HTML | MYSQL | Flask | LLM

- Designing and implementing modules for various business processes such as inventory and sales.
- Dashboards for enhancing usability and operational efficiency.
- Adding a Mysql Database to store and retrieve ERP data.
- Integrating Large Language Model(LLM) for converting user natural language query to sql query.

SKILLS

C python HTML PHP MySQL Numpy
Pandas

ACHIEVEMENT

Top 10 Participant in Red Hat Academy Challenge - 2022
Google Cloud Ready Facilitator Program

EXPERIENCES

3D Computer Vision Summer School

IIIT, Hyderabad | In person

INTERESTS

- Problem Solving
- Reading books
- Listening Songs
- Playing football