Bhaskar Banerjee

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SKILLS

Languages: Python, Java,C,SQL,HTML,CSS,JavaScript
Libraries/Tools: Sklearn, Pandas, Numpy, OpenCV, Matplotlib,Seaborn,NLTK,Git
Technologies: Artificial Intelligence, Machine Learning, Data Science, Cyber Security
Coursework: Object Oriented Programming, DBMS, Data Structures and Algorithms, Machine Learning Techniques

WORK EXPERIENCE

PSIT Research Department   Feb 2024 - May 2024
Research Intern   *Remote*

- Implemented Reinforcement Learning methods within CloudSim to optimize energy usage and task scheduling in cloud computing environments.
- Received mentorship from industry professors, gaining practical experience in software development and scalability principles within cloud computing algorithms and data analysis for VM resource computation.

Tata Group   Jan 2024- Feb 2024
Data Analyst(Virtual Internship)   *Work From Home*

- Worked on a project to help a retail client review their revenue data to prepare for the future.
- Created data visuals, practiced using PowerBI to represent information, and help executives with effective decision-making
- Prepared questions for a meeting with client senior leadership

PROJECTS

- **PyDocInterpreter(July 2024):**

- PyDocInterpreter is a sophisticated code interpreter designed to seamlessly convert various document formats into executable Python code using the power of AI.By leveraging state-of-the-art technologies, PyDocInterpreter offers robust functionality to handle PDF, XLSX, CSV, and DOCX files, enabling users to extract and process content efficiently.

- **Vision-based Object Tracking(Nov 2023):**

- This project develops a robust system for real-time object tracking using advanced computer vision techniques. It accurately identifies and tracks multiple objects in various environments, enhancing applications in surveillance, autonomous navigation, and video analytics.

- **Text Sentiment Analysis(Sep 2023):**

- Text sentiment analysis is a technique used to determine the emotional tone behind a body of text. It employs natural language processing (NLP) and machine learning algorithms to classify text into positive, negative, or neutral sentiments. This analysis is widely used in various applications such as customer feedback, social media monitoring, and market analysis to gauge public opinion and emotions.

EDUCATION

Pranveer Singh Institute of Technology, Kanpur   2021-2025
B.Tech in Computer Science & Engineering(Artificial Intelligence)   *8.13/10 CGPA*

Paritosh Inter College, Kanpur   2020-2021
12th Grade   *88.4/100 Percentage*

ACHIEVEMENTS & CERTIFICATIONS

- Solved 400+ problems on LeetCode with an acceptance rate of 60.5%

- Recognized as a 5-star problem solver on HackerRank, demonstrating exceptional technical skills and strong logical thinking capabilities.

- Completed certification in NLP from Internshala Trainings, demonstrating expertise in Natural Language Processing.

- Certified in Artificial Intelligence and Machine Learning, reflecting strong skills in these advanced technologies.