KAMNA SINGH

M.C.A. - Artificial Intelligence and Data science
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BRIEF SUMMARY

As a motivated and reliable individual, I bring a strong work ethic and adaptability to challenging situations. With a background in data science and a fresh perspective, I am eager to contribute as an intern in the AI and ML fields. My ability to excel in both team environments and independent initiatives, coupled with my commitment to meeting deadlines, positions me as a valuable candidate for an internship opportunity.

KEY EXPERTISE

Data Science   Data Analytics   Deep Learning   EDA

EDUCATION

D. Y. Patil International University, Akurdi   2022 - 2024
M.C.A. - Artificial Intelligence and Data science | CGPA: **7.48 / 10**

Pillai HOC College of Arts, Science and Commerce   2019 - 2022
BSc Computer Science - Computer Science | CGPA : **9.57 / 10**

Janata Junior College, Khopoli   2019
12th | MSBSHSE | Percentage: **51 / 100**

Carmel Convent School, Khopoli   2017
10th | Maharashtra Board | Percentage: **71 / 100**

INTERNSHIPS

Ozibook | Technology   01 Jan, 2024 - 01 Mar, 2024
Data Analyst Intern

Key Skills: Jupyter Notebook   Python   Github   Google docs   Google Sheets   Notion   Discord

Rapidly advanced from Intern to Team Lead during a 2-month Ozibook internship, specializing in LinkedIn data scraping and optimizing engagement strategies.
Generated weekly LinkedIn development reports and a Priority List for scraped data, collaborating seamlessly with the Business Analyst team for early-stage fundraising insights.
Led a dynamic Data Analyst team, focusing on efficient data scraping and report creation.
Utilized tools like Jupyter Notebook, Python libraries (matplotlib, plotly express, pandas, numpy), GitHub, Google Docs, Google Sheets, Google Drive, Notion, and Discord.
Demonstrated effective leadership and teamwork skills in a dynamic internship environment.

PROJECTS

Facial Recognition Attendance System   17 Oct, 2023 - 17 Nov, 2023
Mentor: Priyanka Karale | **Team Size:** 2

Key Skills: Python   Tkinter   MySQL   Opencv

Project Link: https://github.com/Kamna-S/Real-Time-Facial-Recognition-Attendance-System/

The Real-Time Facial Recognition Attendance System combines the power of facial recognition technology with MySQL database integration and a user-friendly Tkinter interface. This innovative system allows users to capture and analyze real-time facial images for attendance tracking. Upon capturing the image, the system employs facial recognition algorithms to identify individuals and seamlessly updates the MySQL database with attendance records. The Tkinter GUI provides an intuitive platform for administrators to manage and monitor attendance data efficiently. This solution streamlines the attendance tracking process, offering a robust, real-time, and user-friendly approach to managing attendance in various settings, such as schools, offices, or events

Counterfeits Note Detection   10 Oct, 2023 - 17 Nov, 2023
Mentor: Dr Kale Sir | **Team Size:** 2

Key Skills: Deep Learning   Streamlit

Project Link: https://github.com/Kamna-S/Counterfeits-Note-Detection

Streamlit Counterfeit Note Detection leverages the power of deep learning to identify counterfeit currency with precision and efficiency. This intuitive web application, built on the Streamlit framework, seamlessly integrates a deep learning model trained to analyze intricate patterns and security features in banknotes. Users can easily upload images of currency notes, and the application swiftly processes the input, providing real-time feedback on the authenticity of the note. With a user-friendly interface, this solution enhances security measures and facilitates quick, reliable counterfeit detection for financial institutions and businesses

ECG Heart Rate Categorization
16 Jun, 2023 - 29 Jul, 2023
Mentor: Dr. Vaishnaw Kale

Key Skills: Deep learning   Streamlit

Project Link: https://github.com/Kamna-S/ECG-HEART-RATE-CAREGORIZATION

I had created an end to end project which aims to categorize ecg heart rate signals into normal and abnormal heart rate.

SMS/MAIL Spam Detection
26 Mar, 2022 - 18 May, 2022
Team Size: 1

Key Skills: Machine Learning   Streamlit   NLP

Project Link: https://github.com/Kamna-S/Spam-detection

Streamlit NLP SPAM Detection is a powerful web application that harnesses the capabilities of natural language processing (NLP) and machine learning to identify and filter out spam content. Developed with the user-friendly Streamlit framework, this tool enables seamless interaction for users to input text data. The underlying machine learning model is trained to analyze and classify messages, distinguishing between legitimate and spam content . With a clean and intuitive interface, this solution provides an effective and accessible way to enhance communication security, making it an invaluable asset for businesses and individuals seeking to mitigate the impact of spam.

Artificial Conversation Chatup Using Python
26 Jun, 2019 - 26 Aug, 2019
Team Size: 1

Key Skills: Python   Machine Learning   Tkinter

Artificial Conversation ChatUp, developed with Python, Tkinter, and machine learning, creates a dynamic and engaging chat experience. This application leverages natural language processing (NLP) algorithms to understand and respond to user inputs, making interactions feel more human-like. Tkinter provides an intuitive graphical interface, allowing users to seamlessly communicate with the AI. Whether for entertainment or practical purposes, ChatUp showcases the fusion of Python programming, Tkinter GUI, and machine learning, delivering an interactive and intelligent conversational experience.

PUBLICATIONS / RESEARCH / WHITE PAPERS

Face Recognition Attendance System Using HaarCascade And Local Binary Pattern Histogram
Research Paper | **No. of Authors:** 2

Key Skills: Python   Tkinter   OpenCV

The Real-Time Facial Recognition Attendance System combines the power of facial recognition technology with MySQL database integration and a user-friendly Tkinter interface. This innovative system allows users to capture and analyze real-time facial images for attendance tracking. Upon capturing the image, the system employs facial recognition algorithms to identify individuals and seamlessly updates the MySQL database with attendance records. The Tkinter GUI provides an intuitive platform for administrators to manage and monitor attendance data efficiently. This solution streamlines the attendance tracking process, offering a robust, real-time, and user-friendly approach to managing attendance in various settings, such as schools, offices, or events

COUNTERFEIT CURRENCY DETECTION USING VGG16 ARCHITECTURE
Research Paper | **No. of Authors:** 2

Key Skills: Deep Learning   Streamlit   Vgg16

The Counterfeit Currency Detection system employs the VGG16 architecture, a powerful deep learning model, to accurately identify counterfeit currency. This innovative solution utilizes the VGG16 neural network to analyze intricate features and patterns present in currency notes. Trained on a diverse dataset, the model learns to distinguish genuine from counterfeit currency with high precision. Users can submit images of currency notes to the system, which then processes the input through the VGG16 architecture. This robust and efficient approach enhances security measures, offering a reliable means of detecting counterfeit currency through advanced deep learning technology.

ASSESSMENTS / CERTIFICATIONS

Data Analytics and Visualization Virtual Experience

Key Skills: Data Analysis

The "Data Analytics and Visualization Virtual Experience" is a comprehensive online course designed to provide participants with practical skills in data analysis and visualization. This virtual experience combines theoretical knowledge with hands-on activities to equip learners with the tools and techniques essential for extracting meaningful insights from data.

ChatGPT Mastery: All you need to know about chatgpt

Key Skills: prompt engineering, chatgpt

"ChatGPT Mastery" is a comprehensive course designed to enhance your understanding and utilization of ChatGPT, a state-of-the-art language model developed by OpenAI. This course covers fundamental concepts, advanced techniques, and practical applications of ChatGPT, empowering you to maximize its capabilities for various tasks such as natural language understanding, conversation generation, and more. Whether you're a developer, researcher, or enthusiast, this course provides valuable insights into leveraging ChatGPT effectively, with hands-on exercises and real-world examples to deepen your mastery of this powerful language model.

The Fundamentals of Digital Marketing

Key Skills: Digital Marketing

"The Fundamentals of Digital Marketing" is a comprehensive course designed to provide participants with a solid understanding of key concepts and strategies in the rapidly evolving field of digital marketing. This course covers fundamental topics such as search engine optimization (SEO), social media marketing, email marketing, content creation, and analytics. Participants will learn how to develop effective digital marketing campaigns, optimize online presence, and analyze data to make informed decisions.

Hands-On Data Science

Key Skills: Data Science   Python

"Hands-On Data Science" is a practical and immersive course designed to equip participants with the essential skills and knowledge needed to excel in the field of data science. The course focuses on a hands-on approach, emphasizing real-world applications and project-based learning. Participants will delve into key concepts such as data analysis, machine learning, and data visualization using popular tools and programming languages like Python, R, and relevant libraries.

PERSONAL INTERESTS / HOBBIES

- Dance, Drawing, Solving puzzles, Practicing different kinds of mind problems

WEB LINKS / IMs

- Other - https://www.linkedin.com/in/kamna-singh-23a8751b9/
- Github - https://github.com/Kamna-S/

PERSONAL DETAILS

Gender: Female
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