

Manas Raghuvansh

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ACADEMIC DETAILS

| Year | Degree/Exam | Institute | GPA/Marks(%) |
|-----------------------|--|--------------------------------------|--------------|
| Sep, 2020 - Jul, 2024 | B.TECH in Computer Science and Engineering | Babu Banarasi Das University Lucknow | 8.2/10 |
| 2020 | 12th Std. C.B.S.E | The Lucknow Public Collegiate | 75.00 % |
| 2017 | 10th Std, C.B.S.E | G.D. Goenka Public School | 78.00 % |

PROJECTS

- **Data Analysis, Using Python:** Employed Python to predict basketball players' performance in upcoming tournaments based on historical performance data. Utilized data analysis techniques and statistical models to derive insights and make accurate predictions. Demonstrated proficiency in data manipulation, feature engineering, and machine learning algorithms.
- **Traffic Rules Violation Detection System, Using CNN and Object Tracking Algorithms:** Implemented asophisticated system for detecting traffic rule violations, specifically focusing on wrong lane detection using the YOLO algorithm. Leveraged Convolutional Neural Networks (CNN) and object tracking algorithms to achieve high accuracy in real-time. Collaborated with a team member to develop and apply the GMM model for optimal performance and precise rule violation identification.
- **Emotion Analysis, Using Face Detection:** Developed an advanced Emotion Analysis System from scratch using Python. Utilized face recognition modules in Python and leveraged the power of TensorFlow, a machine learning library. Employed state-of-the-art face detection techniques and machine learning algorithms to analyze and interpret facial expressions with accuracy of 51% with the built-in webcam of my laptop.
- **Face Recognition, Using Python:** Created a robust Face Recognition system using the dlib face recognition module in Python. Designed the model to excel in real-world scenarios, showcasing expertise in facial feature extraction, recognition, and matching. Implemented cutting-edge algorithms and techniques to ensure accurate and reliable face identification.

TECHNICAL SKILLS

- **Languages:** Python(proficient), Java (proficient), C(proficient), C++(proficient), SQL, HTML5(proficient), JavaScript(intermediate), CSS (intermediate)
- **Machine Learning Libraries** Tensorflow, Keras, OpenCV
- **Data Analysis Libraries explored** Numpy, Pandas
- **Big Data Visualization and Handling Tools familiar with** Tableau, Hadoop
- **Cloud Platforms familiar with** AWS, GCP
- **Automation Tool familiar** Automation Anywhere-RPA

SOFT SKILLS

- Leadership and communication
- Problem Solving
- Time Management
- Teamwork and Collaboration
- Problem Analysis
- Interpersonal Skills

CERTIFICATIONS

- *Python 101 for Data Science - Cognitive.ai (IBM)*
- *Introduction to Data Engineering - PwC*
- *RDBMS Oracle - PwC*
- *Foundations: Data, Data, Everywhere – Google (Coursera)*
- *Web Development – Prodigy Infotech*
- *Career Essentials in Generative AI - Microsoft and LinkedIn*
- *Volunteer Certificate – KIUG 2022 (Khelo India University Games)*

POSITIONS OF RESPONSIBILITY

- **Volunteered in KIUG 2022:** Volunteered as a core member of Games Management System (GMS) that was headed by members of Sports Authority of India (SAI) during Khelo India University Games 2022. Held in the month of May 2023-June 2023 in Babu Banarasi Das Univeristy, Lucknow.
- **Corporal in NCC:** Acted as the Corporal (CPL) in National Cadet Corps (NCC). I was admitted into the army wing of the NCC, which is a youth wing of the Indian Armed Forces apart from Air wing and Naval wing of NCC. I have attended 2 national level camps and been to the shooting range.
- **Operations (Intern) in Rivigo (MESPL):** I was appointed as an Operations Intern in Rivigo by Mahindra Logistics, where I got hands on experience with actively contributing to inventory management, supply chain optimization, and embraced the integration of technology in logistics workflows. This internship sharpened my problem-solving skills and reinforced the vital role of technology in ensuring efficient and reliable logistics. Overall, it was a transformative experience, deepening my understanding of the industry's complexities and preparing me for a future in logistics and supply chain management.