HEMANT MEWADE

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY PATNA   **2021 − 2023**
Master of Computer Application - ***CGPA - 8.62***   *patna, Bihar*

S.J.H.S GUJRATI INNOVATIVE COLLEGE D.A.V.V   **2017 − 2020**
Bachelor of Computer Application - ***Percentage - 71%***   *indore, Madhya pradesh*

PROJECTS

Plant Disease Detection from Leaf images | Tensorflow   **July 2022**
- Using a subset of plant village dataset of diseased and healthy plant leaves images, Used **DEEP LEARNING** concept to identify 14 crop species and 26 diseases.
- **Artificial neural network** architecture Model provided an accuracy of **69.74 %** to enhance accuracy we used **convolutional neural network** which further provide an accuracy of **98.78%**.
- Further work is ongoing to use AlexNet and GoogLeNet to improve real condition classification.

Code Conversion Application using TCP | Socket APIs, Python   **January 2022**
- Implementation of a **Client Server** based Character to ASCII and vice-versa code conversion application using **TCP**.
- We used socket module from the Python Standard Library to establish TCP based connection.
- Download Report

Sentiment Prediction from Movie Reviews | Scikit-learn, Pandas, NumPy, NLTK   **October 2021**
- Used **Natural Language Processing** and **Machine Learning** to classify viewer sentiment from movie review.
- Based on the IMDB movie reviews dataset, feature extraction was performed using **Bag-of-Words model**.used Machine Learning model **MultinomialNB**, the reviews were classified according to their sentiment. The accuracy achieved by the models is **85%**.

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Network Security
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept

TECHNICAL SKILLS

Languages: C, C++, Python, SQL, Html, CSS, Javascript
Developer Tools: VS Code, Code Block, Star UML, Cisco Packet Tracer, Oracle 10g.

ACHIVEMENTS

- ALL INDIA RANK of 43 in BHU PET 2021.
- Secured Rank 1st at College and University Rank 5th for Academic year 2017-18.
- Solved 500+ problem across multiple platforms.

Communication Skills

- HOSTED COLLEGE ANNUAL FUNCTION 2017-18.
- COLLEGE LEVEL ELOCUTION WINNER 2018-19.

CERTIFICATIONS

- Convolutional Neural Networks - Coursera
- Introduction to Computer Vision and Image Processing - Coursera

INTERESTS

- Public Speaking
- Editing