

Dileep Atmakuri

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PROJECTS

Mouse Control System using Hand Gestures— *OpenCV*

- Developed a mouse control system using hand gestures by combining Mediapipe for gesture recognition and PyAutoGUI for cursor control.
- Created a real-time hand gesture recognition model to identify diverse hand movements and translated these into corresponding mouse actions.
- Improved computer accessibility, reducing the need for traditional input devices like a mouse or touchpad.

Classifying Banking Loans and Understanding Creditworthiness of Lenders— *Machine Learning*

- Created machine learning models to classify banking loans.
- Developed predictive models to evaluate the creditworthiness of loan applicants.
- Enhanced loan approval efficiency and reduced default risks using data science techniques.

House Price Prediction— *Machine Learning*

- Created a Python-based machine learning model with scikit-learn to predict house prices.
- Enhanced model accuracy through data processing and feature engineering.
- Utilized regression algorithms to identify the most effective prediction model, aiding informed real estate decisions.

ACHIEVEMENTS

- Completed 500+ coding challenges on platforms like LeetCode and Geeks For Geeks
- Semi-Finalist in College Chess Competition
- School People Leader in school
- Represented the RAC GVP Social Club in social awareness events in college
- Participated in events on sustainable development by IGBC GVP College Club

SKILLS

Languages:

c++,python,C,HTML,CSS,Java script.

Technologies: Machine Learning, OpenCV,SQL-MYSQL

Concepts: Data Structures,Object Oriented Programming,Operating systems,DBMS.

EDUCATION

Gayatri Vidya Parishad College of Engineering, Viskhapatnam — *B. Tech*

2020 - 2024-Mechanical Engineering
GPA:8.3

Narayana Junior College, Guntur— *Intermediate(MPC)*

2018 - 2020
GPA:9.5.

M.V.R.S. Viveka High school, ponnur — *secondary Education*

2018
GPA:9.8.

CERTIFICATIONS

Machine Learning by Kaggle
[-Credential](#)

AWS Academy Graduate-AWS Academy Machine Learning Foundations

