Jarjish Suleman Siddibapa

jarjishsiddibapa@gmail.com | +91 7249550565 | linkedin.com/in/jarjish-siddibapa/ |
github.com/jarjishSiddibapa

Education

A.P. Shah Institute of Technology - Bachelors in Engineering (Computer Science) & Honors in AIML 2025

- 9.548 CGPA

Muchhala Polytechnic – Diploma in Engineering (Computer Science) 2022

- 92.63 Percentage

Dr Om Prakash Agarwal English High School – SSC 2019

- 78.20 Percentage

Skills

Expert: Python
Proficient: Java, Artificial Intelligence, Machine Learning, MySQL, Excel Pivoting, GitHub
Beginner: C/C++, NLP

Projects

VizDoom Reinforcement Learning Agent github.com/jarjishSiddibapa/vizdoom-reinforcement-learning

- **Led a team** to develop a reinforcement learning agent using the VizDoom engine, applying the Proximal Policy Optimization (PPO) algorithm.
- Successfully trained the agent on three levels: BASIC, DEFEND THE CENTER, and DEADLY CORRIDOR, each with unique challenges and training steps.
- Streamlined user setup with a cloned repository, environment configuration file, and Jupyter Notebooks for training and performance visualization.
- Provided detailed visualizations tracking key metrics like rewards, survival time, and actions over time to monitor the agent's progress.

Lung Disease Classification System https://github.com/jarjishSiddibapa/lung-disease-classification

● Developed a deep learning-based classification model for lung diseases using medical imaging datasets to enhance diagnostic accuracy.
● Implemented Convolutional Neural Networks (CNNs) for feature extraction and classification, achieving high performance in disease detection.
● Preprocessed and augmented X-ray image datasets, improving model generalization and robustness.
● Evaluated performance using accuracy, precision, recall, F1-score, and AUC-ROC, ensuring comprehensive assessment.
● Documented the entire workflow in a Jupyter Notebook, providing step-by-step explanations for data preprocessing, model training, and evaluation.

Bulldozer Price Prediction Regression github.com/jarjishSiddibapa/bulldozer-price-prediction

● Predicted auction sale prices of heavy equipment using multiple ML models.
● Enhanced model evaluation with feature importance visualizations, improving efficiency by 30%.
● Achieved Training MAE: 2953.82, Validation MAE: 5951.25, R^2: 0.9588 (Train), 0.8818 (Validation).
● Provided predictions and visual insights through a GitHub-hosted Jupyter Notebook.

Certifications

- Virtualization | AWS – Azure – Google Cloud 2021
- Data Structures and Algorithms Basics 2022
- 1st Prize in Idea Pitching Contest | Battery-Electric Vehicle and Related Technology 2022

Experience

Hackathon | APSIT, Thane, Maharashtra, April 2024 - **Led a team** to create AI solutions for urban sustainability. 2024