

MOHAMMAD AARIF ANSARI

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AI enthusiast with a passion for Machine Learning, Python, and Computer Vision, aspiring to excel in Software Engineering. Eager to learn and adapt to new technologies.

PROJECTS

Skin Lesion Classification Using Deep Learning and GAN-based Data Augmentation Dec 2024

Description: A hybrid deep learning and machine learning project for skin lesion classification using GAN-based data augmentation, and deep learning models for feature extraction, combined with machine learning classifiers (Random Forest, AdaBoost) for improved accuracy and applied complete deep learning models.

- **Libraries:** TensorFlow, Keras, OpenCV, Scikit-learn
- **Models:** GANs, Hybrid CNN, GoogLeNet, ResNet50, ResNet128, Custom CNN, Random Forest, AdaBoost

Coding Practice Application Aug 2024

Description: The objective is to develop a comprehensive platform for students to view and solve coding questions with automated test case validation.

- Front-End: HTML, CSS, Jinja
- Back-End: Python - Django
- Database: SQLite

SKILLSETS

Programming: Python, Intermediate Proficiency in Data Structures and Algorithms (DSA), Java

Framework: Django, Flask, Streamlit

Version Control: Git, Github

ETL Tools: SQL for Data Analysis

Data Visualization: Tableau

Knowledge of Data Science, Machine Learning & Artificial Intelligence: Statistics, Classification and Regression Algorithm, Neural Networks, Deep Learning, CNN, GANs

Basic Knowledge of HTML, CSS

EDUCATION

University of Hyderabad, Hyderabad

2023-2025

Master of Computer Application

Bangalore North University, Bangalore

2019-2022

Bachelor of Computer Application

ACHIEVEMENTS

- Ranked 1st in the 2nd and 3rd semester of MCA (CGPA: 8.8/10)
- Winner of the Coding and Debugging Competition at VITRINA 2022
- Graduated BCA with grade A+, First Class Exemplary (CGPA: 9.13/10)

LANGUAGES

- Hindi
- English