Haroon Naseer

- Contact | LinkedIn | Github | Kaggle

Experience

Machine Learning Intern
InternzValley
February '24 - April '24

- **Implemeted** projects involving machine learning model development, data preprocessing, and data analysis.

1. *Heart Disease Classifciation*

- Enhanced model accuracy from 80% to 85%
- Precision increased from 0.78 to 0.85 (No Disease) and 0.82 to 0.86 (Disease)
- Recall boosted from 0.78 to 0.81 (No Disease) and 0.82 to 0.88 (Disease)

2. *Titanic data Analysis*

- Found correlation between ticket class and survival: 63% of 1st class, 48% of 2nd class, and 25% of 3rd class passengers survived
- Gender and survival rates: 73% of females and 20% of males survived
- Age group analysis: Higher survival for ages 0-10, lowest for ages 60-80

Skills

- **Languages:** Python, C++
- **Libraries:** Numpy, Pandas, Matplotlib, Scikit-learn, TensorFlow, PyTorch
- **Tools:** Jupyter Notebooks, Git, CLI

Projects

1. **Animal Classification**
   - **Implemented** transfer learning using MobileNet v2 to classify images based on animal species, achieving 99.8% accuracy.
   - **Enhancing** the project by applying advanced data processing techniques and balancing methods to improve model performance and reduce overfitting.

Education

B.Tech in Computer Science and Engineering
IUST Awantipora
Autumn 2021 - 2025

- Currently pursuing a degree in Computer Science and Engineering.

Courses

- Google Data Analytics
- Machine Learning Specialization
- Deep Learning Specialization