Syed Haseeb Hassan

Aspiring Machine learning engineer

CONTACT ME

+92 3016913121

hasibhsn121@gmail.com

Lahore, Pakistan
(Currently residing in hostel)

EDUCATION

Bs Computer Science
University of Central Punjab
2023 - 2027

Machine Learning Specialization
Stanford University, Coursera
6 - months specialization

Machine Learning in Deployment
Stanford University, Coursera
1 - month course

SKILLS

- **Machine Learning:** Supervised & Unsupervised learning (Sickit-learn)
- **Deep Learning:** Fundamentals of Neural Networks (Keras/Tensor-Flow)
- **Deployment & MLOps:** Machine Learning model deployment (Flask, FastAPI basics)
- **Programming & Tools:** Python, C++, MySQL

PROJECTS & EXPERIENCE

Titanic Survival Prediction

- Developed a machine learning model on the Titanic dataset to predict passenger survival using logistic regression and decision trees (Scikit-learn).
- Achieved 82% accuracy on the validation set.
- Documented the workflow with a Jupyter Notebook.

MNIST Digit Classifier

- Built a deep learning model in Keras to classify handwritten digits from the MNIST dataset.
- Achieved 98% accuracy on the test set.
- Visualized training metrics and sample predictions.

Movie Recommendation System

- Created a collaborative filtering recommender using the MovieLens dataset.
- Implemented user-based recommendations with cosine similarity in Python.
- Presented results in a Streamlit app.

House Price Prediction Model

- Developed a regression model using the Boston Housing dataset to predict house prices based on features like number of rooms, location, and property tax.
- Performed data cleaning, exploratory data analysis (EDA), and feature engineering.
- Implemented and compared multiple algorithms (Linear Regression, Random Forest) in Scikit-learn, achieving an RMSE of X.
- Visualized key correlations with Seaborn to identify influential features.

PROFESSIONAL SUMMARY

Enthusiastic and self-motivated Machine Learning Developer with strong foundations in supervised and unsupervised learning, deep learning basics, and model deployment. Proficient in Python, C++, and MySQL. Completed Stanford's Machine Learning Deployment course by Andrew Ng. Experienced with projects including Titanic Survival Prediction, MNIST Digit Classification, and House Price Prediction. Passionate about building real-world AI solutions and eager to contribute to innovative teams.