

# SYED HASEEB HASSAN

## Machine learning Engineer

### ABOUT ME

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.

### 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
- Deep Learning
- Python
- C++
- MySQL

### EXPERTISE

- Keras, TensorFlow
- Scikit Learn
- Problem Solving
- Model Deployment

### 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.

#### 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.

### CONTACT

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