

Harikesh Kushwaha

[LinkedIn](#) | [Portfolio](#) | [GitHub](#) | [Kaggle](#)

Location: New Delhi, Delhi
Email: harikeshkumar0926@gmail.com | Mobile: +919838422934

DATA SCIENTIST

As a graduate student, I possess a robust **statistical** background and proficiency in cutting-edge technologies such as **Python**, **Machine Learning**, and **Deep Learning**. I am deeply passionate about the field of machine learning and constantly challenge myself to stay up-to-date with emerging technologies. With excellent **problem-solving abilities** and effective communication skills, I am confident that I can seamlessly fit into the role of a data scientist.

TECHNICAL SKILLS

Languages	: Python, SQL, C++
Frameworks	: TensorFlow, Keras, Scikit-learn, PyTorch, Django, Streamlit
Libraries	: matplotlib, plotly, pandas, NumPy, Scipy, Seaborn, BeautifulSoup, Selenium, Statsmodels
Databases	: MySQL, MongoDB
Dev Tools	: Tableau, Excel, VS Code, Git, GitHub, Jupyter Notebook, AWS
Soft Skills	: Analytical Skills, Good Presentation Skills, Detail-Oriented, Self-Motivated

EDUCATION

Indian Institute of Technology Delhi <i>Master of Science in Physics, (8.6 GPA)</i>	New Delhi, India <i>July 2021 – May 2023 (Expected)</i>
Banaras Hindu University <i>Bachelor of Science in Physics, (8.4 GPA)</i>	Varanasi, Uttar Pradesh India <i>July 2018 – May 2023</i>

PROJECTS

ReVision	<i>Python, Numpy, TensorFlow, Pytorch, CLI</i>	Source Code
<ul style="list-style-type: none">Created a personal project called ReVision to learn the concepts and implementation details of groundbreaking computer vision papers.Utilized popular deep learning frameworks such as Tensorflow and PyTorch to implement the architectures of seminal papers like LeNet, AlexNet, VGG, ResNet, Inception, EfficientNet, etc.Developed a deep understanding of the underlying principles of deep learning and computer vision, while improving skills in Python programming, machine learning, and deep learning.		
House Prices Prediction	<i>Python, pandas, scikit-learn, kaggle, Matplotlib, Seaborn</i>	Source Code
<ul style="list-style-type: none">Analyzed over 80 features to predict house prices using machine learning.Performed Exploratory Data Analysis and feature engineering to get insight from data.Trained multiple models using scikit-learn and selected the best one by applying grid search and cross-validation. Used ensemble of the top performing models to achieve a top 10% ranking on Kaggle.		
Food Vision	<i>Python, TensorFlow, Colab</i>	Source Code
<ul style="list-style-type: none">Developed a deep neural network using TensorFlow and Keras to classify 101 categories of food.Used a pretrained EfficientNet model to extract features from the food images, and then fine-tuned the model to improve its accuracy.Achieved an accuracy of 80% on the test set, demonstrating the effectiveness of the approach in addressing complex image recognition problems.		

CERTIFICATIONS

- Machine Learning Specialization (DeepLearning.AI) [Certificate](#)
- Deep Learning Specialization (DeepLearning.AI) [Certificate](#)
- TensorFlow Developer Certificate in 2022: Zero to Mastery (Udemy) [Certificate](#)
- IBM Data Analyst Capstone Project (IBM) [Certificate](#)