



Nitish Mahato

Education

2017–2019 **M.Sc. Applications of Mathematics**, *Chennai Mathematical Institute*, Chennai.

2013–2017 **B.Sc. Mathematics**, *Jagannath Kishore College*, Purulia, West Bengal.

Relevant Academic Courses

Design and Analysis of Algorithm (in Python)

Probability and Statistics I,II & III (with R implementations)

Discrete Mathematics

Numerical Linear Algebra (with Scilab, Matlab)

Optimization Techniques

Data Mining & Machine Learning (in Python)

Time Series Analysis (in R)

Programming in Python

Natural Language Processing (in Python)

Game Theory

Statistical Inference (in R)

Economics

Experience

Data Scientist *Ford Motor Company* Current

Internship *Face Recognition Using Deep Learning*

Institution *Coriolis Technologies Pvt. Ltd., Pune, India*

Academic Project *Study of applications of Linear Algebra in Photogrammetry*

Supervisor Dr. Kavita Sutar, Chennai Mathematical Institute, Chennai

Computer Skills

Programming languages Python, R, FORTRAN, C,C++, MATLAB, Scilab, MySQL

ML tools in Python BERT, Scikit-learn, Tensorflow, Keras, Numpy, Dlib, Opencv, Matplotlib, pytorch, pillow, CUDA, scikitImage, pytesseract, Pandas, NLTK, Spacy, gensim, CoreNLP, TexrBlob, KerasRL

ML/Statistical tools in R CRAN, Dplyr, e1071, mlr, randomForest, caret, nnet, MASS, rpart, psych, quantmod, timeSeries, forecast, cluster, ggplot2, rmutl, copula, tseries, glmnet

Web Frameworks Dash, Streamlit, Flask

Courses Diploma in Information Technology Applications

Interests

Machine Learning, Deep Learning, Natural Language Processing, Reinforcement Learning, Statistical Modelling
Applications of Linear Algebra, Statistics
Design and Analysis of Algorithms
Implementations of Optimization & Game Theory problems

Summary

Data Scientist with strong math background and 2+ year of experience using predictive modeling, data processing and data mining algorithms to solve challenging business problems using Machine Learning, Deep Learning, NLP and Computer Vision

Languages

English, Hindi, Bengali, Kurmali

References

Madhavan Mukund Professor and Director, Chennai Mathematical Institute, Email Id: madhavan@cmi.ac.in
Sourish Das Professor, Chennai Mathematical Institute, Email Id: sourish@cmi.ac.in
Kavita Sutar Professor, Chennai Mathematical Institute, Email Id: ksutar@cmi.ac.in
Ganesh Chandra Gorain Professor, J.K College, Purulia, Email Id: goraing@jkcprl.ac.in, goraing@gmail.com