ASIM MANNA

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West Bengal, India.
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Language : English, Bengali, and Hindi.

Objective:

 To encounter real life problems in a creative & effective way to exercise the usages of
 topics in Data Science to deal those and getting an hands on experience in industry domain.

Academics:

Program	Institution/ Board	Percentage	Year
M. Tech(Cryptology and Security)	Indian Statistical Institute	71 (sem I&II)	2019-Ongoing
M. Sc (Mathematics)	University Of Calcutta	67.6	2017-2019
B. Sc (Mathematics)	University of Burdwan	70.71	2014-2017
Higher Secondary	WBCHSE	81.4	2014
Secondary	WBBSE	75.71	2012

Areas Of Interest:

- Probability and Statistics .
- Machine Learning.
- Deep Learning.
- Regression Analysis.
- Internet of Things(IoT).
- Data Structure & Algorithm.

Data Science :

- Data visualization ,Dimensionality Reduction , Handling outliers , One-hot Encoding,
   Data Mining.
- Linear Regression, Logistic Regression , Decision Tree , Random Forest , K-Nearest
   Neighborhood , K-Fold Cross Validation , Gaussian Naive Bayes ,Support Vector Machine,
   K-Mean Clustering.
- Artificial Neural Network , Convolutional Neural Network .

Working Experience:

- Completed **internship** from Sep,2020 to Oct ,2020 **in The Sparks Foundation.**
- **Summer internship** (Summer '20) in **Data Analytics** in The Shaadi Times on the Impact
   of Air Pollution on human lives during the COVID-19 Pandemic and comparing scenarios
   between the time of lock-down and pre-lockdown times.
- Consulted as Chegg Q & A Subject Expert at **Chegg India Private Limited.**
   Date:2019-2020.

Achievements:

- Quallified in **NET-Lectureship on 2019(June)** with rank 94.
- **NBHM-2018** (Scholarship) – Written Qualified.
- **NBHM-2019** (Fellowship) – Written Qualified

Technical Skills:

Programming : Python, SQL, C .
Tool : Pandas , NumPy, Matplotlib ,Scikit- learn.
Software: Jupyter Notebook , GitHub, Latex , MS Office , LibreOffice .
Operating System: Linux ,Windows.

Online Courses:

- I have completed a **Udemy** course.(**Instructor Name :** Frank Kane)
  Course Name : Machine learning ,Data Science and deep Learning with Python.
- I have successfully cleared the assessment for the skill **Python(basic) on Hackerrank.**
  Link: https://www.hackerrank.com/certificates/3235cb5f53bb
- A course " Python for Data Science " on **Cognitive class.**
  Link : https://www.youracclaim.com/badges/de0e93a7-22ac-456d-99a7-495d62a3aa48
- I have successfully completed "**30 Days Webinar Series On AI Master class Organized by Andhra Pradesh State Skill Development Corporation and Pantech Prolabs India private ,Ltd "** (October 5 to November 3 ,2020).

Projects:

- **Hand-write Digit Classification (**June,2020**) :**
  Used the **MNIST** data sets with **Convolutional Neural Networks**.
  Test accuracy: 0.9819 ,   Test loss: 0.05934701160546392
  Link : https://github.com/asimmanna17/a/blob/master/Handdigit_cnn.ipynb
- **Credit Card Fraud Detection (**May, 2020)**:**
  Used data from Kaggle and implemented **Logistic Regression** in   python to detect if
   new transactions made from the customer are fraud or not and
   accuracy score : 99%.
  Link : https://github.com/asimmanna17/a/blob/master/Credit_card_Fraud_detection.ipynb
- **Titanic Survival (**May,2020)**:**
  Used data from Kaggle implemented different Machine learning algorithms in python to
   predict whether someone would have survived if they were in the titanic ship or not.
   Logistic Regression was the most accurate model and Accuracy is 74%.
  Link : https://github.com/asimmanna17/a/blob/master/Titanic.ipynb
- Done a class project on **Cumulative Sum Test for Randomness** .

Workshop:

- **IJJWQCQI 2020 :**
  Indo-Japan Joint Workshop on Quantum Computing and Quantum Information,organized by
  RC Bose Center for Cryptology and Security, Kolkata.
- **Indocrypt 2019 :**
   International Conference on Cryptology in Hyderabad ,jointly organized by AIMSCS
  Hyderabad, UOH ,and NTRO ,GOI.