Shaoni Mukherjee

Data Scientist with hands on experience in building predictive model, understanding complex data and deploying the model. Proficient in building end to end Machine Learning model, data processing and data mining, as well as scripting languages such as Python, SAS. Capable of creating, developing, testing, and deploying highly efficient ML model to translate business needs to solutions.

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EDUCATION

Master's in Data Science
Liverpool John Moores University

02/2020 - 03/2021

Data Science

- Studying the Price of Airbnb Property and Price optimization

Post Graduate Diploma in Data Science
International Institute of Information Technology Bangalore

03/2019 - 04/2020

WORK EXPERIENCE

Data Science Intern
The Sparks Foundation

02/2021 - 03/2021   *Remote Internship*

Achievements/Tasks

- Built predictive model to predict the possibility of loan default
- used Natural Language Processing and Deep Learning models for predictive maintenance
- Learned to deploy model in PAAS platforms using Flask framework and Heroku

Data Science Author
Ansr Source

12/2018 - 02/2020

Achievements/Tasks

- Worked independently for universities, publishing companies
- Created content related to Data Science, Machine Learning
- Conducted research and worked with editors

Tax Associate
Ernst and Young

2015 - 2017

Achievements/Tasks

- Worked on Australian Tax System. Preparation of details/schedules for Income tax submissions.
- Reconciliation of Tax accounts, TDS receivable reconciliation.
- Support for filing the corporate income tax return and related certificate.

SKILLS

Data Visualization   Machine Learning   ANN

Statistical Analysis   Data Preparation   Python   SAS

Hadoop   SQL   Apache Sqoop and Spark   NLP

Big Data

PERSONAL PROJECTS

Classifying the Password Strength (01/2021 - 01/2021)
- Achieved an accuracy rate of 89% to classify the passwords provided by the user

Predicting the Flight Price (03/2021 - 04/2021)
- Developed a ML model using Ensemble Learning techniques such as Random Forest, Bagging and Boosting

Insurance Fraud Detection (04/2021 - Present)
- Working to develop an end to end ML model to detect Insurance Fraud in companies

CERTIFICATES

Certification for Data Science and Analytics
(02/2021 - 02/2021)

Jigsaw Institute Data Science Certificate (04/2019 - 12/2019)

INTERESTS

Artificial Intelligence   Statistics   Research   Big Data

Machine Learning   Algorithms