RIYA VERMA

Delhi, IN | 91+8860342238 | riyaverma8503@gmail.com | LinkedIn Profile

PROFESSIONAL SUMMARY

- Extract, load, and reconcile large amounts of data across multiple system platforms and sources to validate user-centric scenarios.
- Perform data analysis and create data quality metrics.
- Knowledge of Excel as well as SQL.
- Excellent research and communication skills.
- Computer skills: Microsoft office suite as well as SQL or other database programming.
- Work both independently and in a collaborative team environment.
- Successful completion of a course in statistics and machine learning.

INTERNSHIP EXPERIENCES

Campus Ambassador, International MUN   **Sep. 2020 – Oct 2020**

1. Review information about programs and schedules to ensure accuracy and provide such information to local media outlets.
2. Develop marketing campaigns to promote importance of MUN or participation in talks.
3. Track cost-containment strategies and programs to evaluate effectiveness.

Data Science Intern, The Sparks Foundation   **Sep.2020 – Oct 2020**

1. Write code to collect, crunch and analyze data from various internal and external sources Write code to collect, crunch and analyze data from various internal and external sources.
2. Create linkages between various data to enable predictive modelling and trend analysis.
3. Store, retrieve, and manipulate data for analysis of system capabilities and requirements.

Data Science Intern, The Travel Back ,Vancouver   **July 2020 – Sept 2020**

1. Feature engineering on their Vancouver and British Columbia Dataset.
2. Sentiment analysis and Implementing Deep leaning Models in order to get the best results.
3. Writing SQL Queries and Implementing them.
4. Working on their Recommendation model.
5. Implemented Folium library to map the restaurants on the basis of Longitudes and Latitudes.

Data Science Intern, Rellow Biotech Lab, Chennai   **Oct 2020 - Jan 2021**

1. Scraping their data and implementing Feature Engineering in order to get a cleaned dataset.
2. Implementing Sentiment analysis in order to find their product reviews.
3. Worked on their yellow and Red AI Engine.

VOLUNTEER EXPERIENCES

1. Working for a pet Ngo and helping them raising their funds in pandemic for pet food and medication.
2. Helping hand during Pandemic by providing food to the needy with an NGO.
3. Worked in a children's NGO and taught them on Weekends.

EDUCATION

Jss Academy of Technical Education - Noida, Uttar Pradesh   **2017-21**
B.Tech in Information Technology

National Victor Public School ,Delhi   **2015-17**
Senor Secondary School

National Victor Public School ,Delhi   **2015**
High School

SKILLS

Programming: C++, Python, SQL, Data Structures and Algorithms(Intermediate)
Web Development: HTML, CSS, JavaScript, Bootstrap, JQuery
Technology And Tools: Git, GitHub, Sublime
Data Analysis and Visualisation: Machine Learning, Data Visualisation, Pandas, Numpy, Natural Language Processing (NLP).

PROJECTS

1. **Wine Reviews**
   - Data Analysis and Visualisation using libraries such as Seaborn, Scikit-Learn, Numpy and matplotlib
   - Tackled the missing values and implemented various algorithms to increase the efficiency.
2. **Face Detection**
   - Implemented the Face detection algorithm using OpenCV and also Triggered the faces by making changes.
   - Implemented this algorithm on 3 different faces and calculated the correctness of the algorithm.
3. **Biomedical Features of orthopaedic Patients**
   - Data visualisation and analysis on the dataset by six biomechanical attributes derived from the shape and orientation of the pelvis and lumbar spine.
   - Implemented the KNN algorithm and got the cross Validation score.
4. **Movie Recommendation System**
   - Built an engine that computes similarity between movies based on certain metrics and suggests movies that are most similar to a particular movie that a user liked using movie metadata to build this engine known as **Content Based and Collaborative filtering.**
   - Also implementing a hybrid model to bring together techniques we have implemented.
5. **Simon Game Challenge**
   - By using various events and audio in the event-listener, it was a fully functional and responsive game, which loads various JavaScript as well as JQuery commands.
   - It is highly Human responsive and resets when game is over.