

Ishan Durve

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EDUCATION

University of Sheffield

Master of Science in Data Science- 2:1

Sheffield, UK

September. 2021 – September. 2022

Mumbai University

Bachelor of Engineering in Information Technology. Grade: 1st

Mumbai, India

August. 2016 – August. 2020

EXPERIENCE

Information School Student Ambassador

University of Sheffield

December 2021 – August 2022

Sheffield, UK

- Represented and promoted the department on the internet through YouTube videos and blogs
- Addressed the queries of over 50 prospective university applicants one-to-one in a 6 month period
- Organized teams of fellow ambassadors at open days at the department

Data Acquisition UI Project Intern

Raja Ramanna Centre for Advanced Technology

Jun. 2019 – Jul. 2019

Indore, India

- Created User Interfaces using .net for a dual channel data acquisition system and a Fluorescence Detection System
- Implemented the storing of acquired data into files, so that there is a scope for future graph-based analysis of the data
- Completed the Interfaces for these 2 advanced applications within the span of a month, while also getting a comprehensive understanding of its working

Web Development Intern

Sahu Technologies

Jul. 2019 – Aug. 2019

Mumbai, India

- Created an informative website about the biographies of various artists and sportspersons
- Technologies Used: HTML5, CSS3, JavaScript and Bootstrap4
- Analyzed good SEO practices in helping the website during indexing by the search engines

PROJECTS

Airline Satisfaction Prediction | KNIME, Machine Learning: Naive Bayes, Random Forest

May 2022

- * Performed Data pre-processing including normalisation on a modified Kaggle dataset for airline satisfaction
- * Implemented Machine Learning Algorithms- Naive Bayes and Random Forest for prediction of satisfaction

Retirement Analysis in the UK | IBM SPSS, Logistic Regression

Jan. 2022

- * Analyzed the ELSA Wave 7 dataset to find out the factors responsible for age of retirement
- * Selected the right features out of 100 for the data of 9000+ participants
- * Successfully found the affecting factors- level of education, workplace recognition, stress at work and age.

Impact of Transfers in English Premier League | Python, Pandas, Excel, Machine Learning

August. 2022

- * Created a machine learning model to predict the results of the English Premier League 2021-22 season
- * Analysed the net transfer expenses by clubs to identify performance improvement
- * Incorporated FIFA Player statistics to measure the strength of the team, aiding in prediction
- * Successfully predicted the league winner Manchester City and the correct table order of 14 clubs

TECHNICAL SKILLS

Languages: Python, R, SQL, HTML, Java

Tools: Jupyter Notebooks, RStudio, KNIME, SPSS, MS Excel

Certifications:

- Industrial IOT on Google Cloud Platform
- Machine Learning A-Z™: Hands-On Python and R In Data Science
- Introduction to Big Data

Libraries: pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn