RIONA CHAKRABARTI

CONTACT INFORMATION

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PERSONAL BACKGROUND

An aspiring data scientist, with an interest in machine learning algorithms and statistical modelling, and a passion for converting data into actionable insights, seeking hands-on experience in data visualisation and analytics.

SKILLS

- **Programming languages** - Java, Python, HTML/CSS, R. SQL
- **Database Management** - SQL Server 2008
- **Tools** - Tableau
- **Other Skills** - English Proficiency (reading and writing), MS - PowerPoint, MS - Excel, MS-Words, Public Speaking, Social Media Management, Content Creation.

ACHIEVEMENTS AND EXPERIENCES

- **Coordinator** - Debating Society NU
- **Social Media and PR Team Lead** - siNUsoidV3 (NIIT University's technological fest)
- Part of the Content Editorial and Management team of **TEDxNIITUniversity**.
- Runners-up at the **Asian Regional Space Settlement and Design Competition** (ARSSDC - Gurgaon)
- Part of the **Indo-Chinese Cultural Exchange Programme** to Kunming, Yunan, China.
- **Volunteer** at the Sneh Club (Social Service club of Sushila Birla Girls' School)

CAREER SUMMARY

Intern

DATA SUTRAM
JUNE 2019 TO JULY 2019

I worked closely with the team developing the company's local intelligence platform and brainstormed ideas to market their DaaS solutions in sectors like Retail, Healthcare and Pharmaceuticals.
- Utilising Census 2011 data to create visualisations using Python.
- Creating presentations on MS-PowerPoint and Canva.
- Consolidating the working of different products into pitches for different projects.

ACADEMIC HISTORY

NIIT University, Neemrana,

BTECH. IN COMPUTER SCIENCE ENGINEERING
2018- Ongoing

Sushila Birla Girls' School, Kolkata.

ALL INDIA SENIOR SCHOOL CERTIFICATE EXAMINATION (AISSCE)

2016-2018

Our Lady Queen of the Missions, Kolkata.

INDIAN CERTIFICATE OF SECONDARY EDUCATION (ICSE).
2004-2016

PROJECTS:

Anomaly Detection In High Dimensional Data

A Research and Development Project that analyzes several outlier detection algorithm and focuses on the Isolation Forest algorithm. A Cluster-Based Isolation Forest (CBIF) algorithm is proposed to overcome the drawbacks of the iForest algorithm.

skribe - A Flask-based Blogging Platform

A blogging web application which would allow writers to publish articles on their subdomain. The application utilises the Python's Flask framework and SQLite as the database.

Data Exploration - Covid Deaths

An EDA project using SQL on the Covid Deaths dataset from ourworldindata.org. The SQL queries are used to visualise the findings on a dashboard with Tableau Public.