

# Sarbojit Das

## 1. Personal details

Email: [sarbojitdas19@gmail.com](mailto:sarbojitdas19@gmail.com)

Phone No: 8240063434/9836472662

Location: Kolkata

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## 2. Professional Summary

A self-motivated and result-oriented Information Technology Student with practical Experience in analytics and data science. Experience in analyzing, developing, and implementing data projects to meet expectations, passionate about machine learning, deep learning, computer vision, data analytics, data science, and artificial intelligence.

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## 3. Education:

2019-2021: **MTech in Information Technology**- Maulana Abul Kalam Azad University-KGEC-9.04(90%)

2019-2020: **Machine Learning with Python**-IBM-Coursera

2018-2019: **Certificate of Training in Web development**- Internshala Training

2018-2019: **Python Programming Essentials**- Rice University-Coursera

2018-2019: **Python Data Representation**- Rice University- Coursera

2018-2019: **Python Data Analysis**- Rice University- Coursera

2018-2019: **Python Data Visualization**- Rice University- Coursera

2011-2012: **Vocational Training in Dept Of Electronics**- Airport Authority of India-NSC Bose Airport

2008-2012: **BTech in Electronics and Communication**- West Bengal University of Technology-GNIT-7.61(76%)

2006-2008: **10+2 Certificate/ Higher Secondary**- Pure Science-80%

2004-2006: **10 Certificate/ Secondary**- General- 83%

GitHub Repository: <https://github.com/sarbojitdas>

Linkdin: <https://www.linkedin.com/in/sarbojit-das-a3b2994b/>

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#### 4. Project Completed:

- **Self-driving car using Artificial Intelligence:** Used line follower, Computer vision, machine learning and deep learning to analyze the functionalities of autonomous car. **Outcome:** Provided insight to the functionalities of the autonomous car such as road detection, object detection, sound detection and classification of road obstacles.
  - **Predictive Model on loan Paid-off:** Build Classifier using different supervised learning techniques to predict whether a loan is paid off or not. **Outcome:** Provided insights to the customers about loan paid off/ overdue, performing/non performing account and future loan scope based on the previous history.
  - **Analysis of Customer Churn:** Build Predictive model using different supervised learning algorithms to predict a customer is churned or retained. **Outcome:** Provided insights to the Company about the customer's attrition or retention, business policy's renewal and customer's holding strategy.
  - **Covid 19 and Pneumonia Analysis model:** Build a classifier using Convolution Neural Network to predict a covid 19 or pneumonia and normal chest. **Outcome:** Provided a deep insight about the patient lungs whether he was affected by pneumonia or not and helped to take accurate measures.
  - **Ear enhancement Device:** Implement Ear enhancement device using audio detector, amplifier ultrasonic detector to detect very low and high amplitude sound. **Outcome:** Provided insights to a blind person detect sounds in a wider range of hearing and react to situations faster.
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#### 5.1 Work Experience:

**Date:** 2014 to 2018

**Occupation:** Junior Data Analyst

**Name:** S.A.S Packaging Industries

##### Daily log:

- Database Management; Collect, clean, transform, structure and model the data using python and excel.
- Documenting the performance of the model, identifying the key factors and providing a solution for the respective problem.
- Producing and design an insightful report for the respective problems and with the solution and future aspects.

#### 5.2 Work Experience:

**Date:** 2012-2014

**Occupation:** Freelance Software developer

##### Daily log:

- Implement desktop based application using java and python for the overseas students.
- Prepare and document of the project report.
- Produce insightful solution to their respective projects.

## 6 Skill/Competences

<b>Data Analytics</b> Collect, clean and transform the model the data to hidden patterns and draw conclusions.	<b>Java Development</b> Implement GUI(Graphical User Interface) based application which can run on desktop using swing and mysql.	<b>Communication Skills</b> Communicate with clients and stake holder and senior authorities to identify business issues and provide solution
<b>Machine Learning</b> Use models such as Regression, Classification, KNN, Decision Tree, Naïve Bayes, Logistic Regression, SVM, Random Forest, ANN and CNN.	<b>Python Development</b> Implement GUI(Grahalcal User Interface) based application , web based application such as flask using python, html, css and mysql	<b>Power BI-Tableau-Excel-ppt-word</b> Create visual dashboard with filters and animations, Pivot tables and V lookups, Provide insights and recommendation to the clients

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## 7. Hobbies and Interests

- Playing Guitar and composing music of different genre.
- Playing Online and offline games such as PES, Real Cricket, Prince of Persia, Assassin Creed.
- Watching online documentation on science fiction, astronomy, astrophysics, animal behavior.
- Reading and watching historic and geographical information from google and youtube.

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## 8. Declaration

Hereby declare that the above given information are true to the best of my knowledge and belief.

SARBOJIT DAS

SIGNATURE

