Arindam Chattopadhyay

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Objective

To work in an organisation and apply my skills to deliver value added results.

Education

- **Maulana Abul Kalam Azad University of Technology, Kolkata**
  B.Tech in Information Technology   2020
  8.59/10

- **Don Bosco School, Bandel**
  ISC(10+2)   2016
  91.75%

- **Don Bosco School, Bandel**
  ICSE(10)   2014
  88.60%

Skills

- Java
- Database Management System
- Data Structures and Algorithms
- Machine Learning
- DevOps Fundamentals

Projects

- **Optimise the sale prices of the properties based on factors like area,bedroom,parking etc.**
  Uses Multiple Linear Regression to do the
  following:-
  1.> To identify the variables affecting the house prices ,eg:- area,no. of bedrooms
  etc.
  2.> To create a linear model that quantitatively relates house prices with above
  variables.
  3.> To know the accuracy of the model i.e how well these variables can predict
  house prices.

- **Telecom Churn Case Study**
  Uses Logistic Regression to predict whether a particular customer will switch to
  another telecom provider or not with 21 predictor variables and finally checking the
  overall accuracy.

- **Cluster customers in an online store**
  Uses K-Means Clustering as well as Hierarchial Clustering.

- **Finding the top 5 movie recommendation a user using:-**
  -- User-User Collaborative Filtering
  --Item-Item Collaborative Filtering

  While predicting for only the movies rated by user, we calulate the RMSE in both
  cases.

- **Pizza Delivery Order**

  This is a simple way to show how the Pizza outlets deliver the product and acknowledges the process by a receipt.
  1.)Design and Code are done in:- Microsoft Visual Basic 2010 Express.
  2.)Hardware requirement&OS for this project:- Windows 10 64 bit configuration .
  Oledb 12.0 is required for the database connection.

- **Dating Application**

  I had developed this application in basic Python language. In this application ,the user first registers and enters the actual work area to choose his/her love among the users already registered in my application and requests them to accept his proposal. All the requests and proposals made will have a view of its own.

Training

- **Industrial Training Program on Python Programming Language**
  Tech LearningSolutions Pvt. Ltd.
- **NPTEL Certification on Database Management System(8 week course)**
  NPTEL19CS12S31430004

Achievements & Awards

- Bleed Code 2020 Finale Amiphoria|| Mar , 2020|| Issuer:- Amity University, Kolkata||Codechef||Rank:-2 (Team handle:- yuvacoders2020)
- CodeStart2020 ||Feb, 2020|| Issuer:- CodeCube-Codechef Campus Chapter NIT Patna||Rank220
- Codathon - Inter NIT Coding Competition 2020||Jan , 2020|| Issuer:- Maulana Azad National Institute of Technology Bhopal (MANIT)||HackerEarth||Rank167
- TCS Codevita Season 8-> 2nd Round Qualifier|| Jul , 2019|| Issuer:- TCS|| Qualified for participating in the 2nd round.

Interests

- Competitive Coding(https://www.codechef.com/users/arindamvai1999)
- Computer Vision
- Deep Learning
- Content Writing

Language

- English
- Bengali
- Hindi

Declaration

- I hereby declare that all the information furnished above is correct to the best of my knowledge.

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