SHRUTI SHARMA

Fresh Graduate

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EDUCATION

Indian Institute of Technology

Bachelor of Technology (B. Tech), Chemical Engineering
2016 - 2020   CPI : 8.28/10.00

Class XII (Senior Secondary Examination), CBSE
July 2015   Aggregate: 93.4%

Class X (Secondary Examination), CBSE
July 2013   CGPA: 10.00/10.00

EXPERIENCE

Summer Intern

Schlumberger Limited

📅 May 2019 - June 2019   📍 Mumbai, India

- Built **Dashboards to understand and analyze** the impact of various policy changes on the response of the clients and profits of the company.
- Worked on the project in writing the Standard work instructions for all the experiments.
- Written 50 Standard Work Instructions for Mumbai MI SWACO Lab along with Risk Assessment & Service Quality Plan.

PROJECTS

Car Price Prediction

- Predicted car prices using linear regression with 89% accuracy of the test set.
- Steps Followed were understanding the data, data exploration, data cleaning, and finally model Building.

Student Database Management

- Worked on a student record-keeping project using Structured Query Language.
- The database contained general student information (such as name, address, contact information, admission year, courses, etc.), attendance file, marks or result file, fee file, scholarship file, etc.

Lead Scoring Case Study

- Predicted weather a potential customer will churn or not for the telecom company.
- The methodology was based on coming up with the lead score and customers having lead score below threshold will churn.
- The model used was logisitic regression with 87% accuracy on the test set.

Process Development and simulation of Pectin extraction

- The project aims to present sizing and scheduling of a semi batch plant for the production of Pectin from orange peels under optimum experimental condition.

- The project involves modeling of the entire flowsheet including reactors, mixer and distillation column using ASPEN software.
- **Mentor :** Prof. Tamal Banerjee , Dept of Chemical Engineering, IIT Guwahati

TECHNICAL SKILLS

Languages : C, C++, Python, MATLAB
Database : MySQL
Software : LaTeX, OpenFOAM, ASPEN

POSITION OF RESPON-SIBILITY

Joint Secretary, Saathi Club

- Managed all the activities of Saathi, the counseling club of IIT Guwahati which works for providing guidance and support to the students.
- Responsible for planning and conducting the regular events of Saathi like one to one mandatory session of all first year students with the counselors.
- Saathi **won the best club award** in welfare board under my leadership.

Team member, Techniche

- Member of PR and Branding team of Techniche, the annual technical festival of IIT Guwahati.
- Responsible for branding Techniche in colleges of the North East and made technical representatives in those colleges.

ACHIEVEMENTS

- Ranked among top 0.2% among 1.5 million candidates appeared for JEE Main and JEE Advance -2016.

RELEVANT COURSES

- Data Structures and Algorithms
- Java Programming and Software Engineering Fundamentals
- Machine Learning
- Introduction to Computing
- Complex Analysis & Differential Equations
- Numerical Methods in Chemical Engineering
- Human Resource Management