SUSHIL NATH GUPTA

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ABOUT ME

A self-motivated, hardworking undergraduate student, enthusiastic to learn new domain in the world of computing.

ACADEMIC DETAILS

Year	Degree	Institute/Board	Performance
2015-19	B. Tech (CSE)	Kurukshetra Institute of Technology and Management, Kurukshetra	80.4 %
2013-15	XII	DAV Kapil Dev Public School, Kadru, Ranchi	89.8 %
2013	X	Kendriya Vidhyalaya, Latehar	9.8 CGPA

EXPERIENCE

- Data Science Summer Intern, University of Calcutta, Calcutta — May, 2018 – July, 2018
- Data Analytics Internship, Mymoneymantra.com (Work From Home) — May, 2018 – July, 2018

TECHNICAL SKILLS

- **Computer Languages** — Python, C/C++, SQL
- **Frameworks** — Keras, Tensorflow
- **Libraries** — Scikit-Learn, Pandas, Numpy, Matplotlib, Seaborn, Scipy, Statsmodels
- **Strengths** — Data Science, Machine Learning, Predictive Modeling
- **Others** — Deep Learning, Time Series, Natural Language Processing, Statistics

PROJECTS

- **Stock Market Investment Strategy (Ongoing)**
  Purpose of this project is to predict the stock values with respect to the stock's previous value and trend. To predict the future stock behaviour and value at risk of each stock and to identify the patterns of the stock..

- **Ensemble Learning Study based on the US Political Contributions**
  Study what is ensemble learning, kinds of ensemble learning, implementation on real world data. The purpose of project is the comparative study of different ensemble techniques.

- **Sentiment Analysis [Data Source- Analytics Vidhya, Kaggle]**
  The purpose of the project is to predict the sentiment of the reviews, tweets and message of the users. Basically, it is used to know the feedback of the customer as positive and negative. The project includes preprocessing, extracting features, modeling and hyperparameter tuning.

DATA SCIENCE HACKATHONS PROJECT

- **Predicting House Price In Bengaluru - ML Challenge by Machine Hack [August- 2018]**
  It is a regression based problem and the data has 9 different features that describe the property. This problem involves preprocessing, handling missing values, applying statistics methods, analyzing data, feature selection, modeling and hyperparameter tuning. I secured rank 2 out of 890 and featured in Analytics India Mag. [Python, Numpy, Pandas, Scikit-Learn, Xgboost, Catboost, LightGBM, Matplotlib, Seaborn]
  - https://github.com/sngupta07/Predicting_House_Prices_In_Bengaluru

- **Predict the Damage of Building – ML Challenge by Hacker Earth**

It is a multi classification based problem and the data has 56 different features of building. This problem involves preprocessing, merging data, balancing data, handling missing values, applying statistical methods, analyzing data, feature selection, modeling and hyperparameter tuning. I secured rank 4 out of 7540. [Python, Numpy, Pandas, Scikit-Learn, Matplotlib, XGBoost, Seaborn, ANN]
- https://github.com/sngupta07/100_Day_Of_ML_Code/tree/master/Predict_damage_building_hackerearth

- **Linguipedia codeFest Natural Language Processing – ML Challenge by Analytics Vidhya**
  It is a binary classification based problem and have to predict the sentiment of the tweets. The data has 2 features i.e. tweets and label ([0,1]). This problem involves preprocessing, extracting features, removing noise, modeling, ensembling, hyperparameter tuning. I secured rank 57 out of 560. [Python, Numpy, Scikit-Learn, Matplotlib, Scipy, Seaborn, Keras, MultinomialNB, Logistics Regression]
  - https://github.com/sngupta07/Linguipedia_CodeFest-

RELEVENT COURSES

Python for Data Science	Applied Machine Learning
Data Structures and Algorithms	Statistics and Probability
Linear Algebra	Calculus
Deep Learning	Natural Language Processing
Feature Engineering	Features Selection

EXTRA CURRICULAR ACTIVITIES

1. Participated in various Data Science Hackathons.
2. Attended Robotic Workshop (2017).
3. Acted as a coordinator in college fests.
4. Participated in various inter college quiz competitions.
5. Represented school in National Level Quiz Competition.
6. Attended Mechtronics Workshop (2016).

SOCIAL LINKS

Github: https://github.com/sngupta07
LinkedIn: https://www.linkedin.com/in/sngupta07/
Twitter: https://twitter.com/sushilnathgupta