Shubendu Biswas

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EDUCATION

Lovely Professional University, Jalandhar, India — **July 2016 - June 2019**
Bachelor of Computer Applications (hons.) — **CGPA 8.39**

Shri Guru Ram Rai public School, Dehradun, India — **July 2014 - June 2015**
XII (CBSE) — **Percentage: 70**

Shri Guru Ram Rai public School, Dehradun, India — **July 2012 - June 2013**
X (CBSE) — **CGPA 7.4**

SKILLS AND COMPETENCIES

Technical: C++, Python, Machine Learning, Decision Tree, Deep Learning, Big Data, Regression, Microsoft Office Suite, MySQL, MariaDB, MongoDB, Microsoft SQL, Oracle, Statistical Modelling, Random Forest, SVM, Pandas, NumPy, Seaborn, Matplotlib, Clustering, SVD, Asp.net, Data Structures, Django.
Tools: Git, Unity, Blender, VMware, Virtual Machine, Joomla, Magento, GCP
Operating System: Linux, Windows
Course Work: Machine Learning, Big Data from Data Flair, Statistics for Data Science, Grey Atom Data Science Masters Program

SUMMARY

Ambitious to kick start the career with globally recognized organization which will give me global exposure to enhance my skills and knowledge for mutual benefits of the organization.

ACHIEVEMENTS

- Won first place in hackathon in machine learning on the insurance dataset conducted by Grey Atom.
- Won 2nd place in hackathon in NLP with machine learning on Twitter dataset conducted by Grey Atom.

CERTIFICATES

- Hackathon certificate on “Will they Claim it” https://greyatom.com/certificates/GA-1XO92SEM3
- Hackathon certificate on “Sentiment Analysis” https://home.greyatom.com/settings/profile/certificate/c6544323-078c-450b-85f8-301b59c8c5aa

ACADEMIC PROJECTS

Sentiment Analysis of Amazon Fine Food Reviews *(Machine Learning, Random Forest, Sklearn, Decision Tree, KNN, Logistic Regression, Naïve Bayes, Random Forest, Xgboost, SVD, t-SNE, PCA, SVM, Python)*

- Objective: Given a review, determine whether the review is positive (rating of 4 or 5) or negative (rating of 1 or 2).
- We have used Grid Search and Random Search for hyperparameter tuning of all algorithms.
- We have used the SQLITE dataset as it is easier to query the data and visualise the data efficiently.
- We have used the roc auc score of algorithms to determine the best possible solution.
- Data was highly imbalance so we choose to with the roc auc score.
- We have used the time based splitting as we have timestamp of every review.
- Link: https://github.com/shubendu/Sentiment-Analysis-of-Amazon-Fine-Food-Reviews

GITHUB: https://github.com/shubendu
LINKEDIN: https://www.linkedin.com/in/shubendubiswas/