NILANJAN JANA

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[GitHub](#) ⋄ [Linkedin](#)

OBJECTIVE

Undergraduate Software Engineer fresher with a highly analytical mindset, passion for innovation. Proficient in predictive modeling, data processing and various machine learning frameworks.

EDUCATION

Bachelor of Technology in Information Technology,
Maharaja Agrasen Institute of Technology   Expected 2023
CGPA: 8.7

Don Bosco School   **Higher Secondary 2019**
87%
Don Bosco School   **Secondary 2017**
CGPA: 10

SKILLS

Languages:	Java, C++, Python
ML Frameworks:	Pandas, Numpy, Spacy, Sci-Kit Learn, Regression Models, Classification and Clustering Models, NLP(Spacy, NLTK, TFIDF), Reinforcement Learning
Big Data:	Hadoop, Apache Spark
Data Visualization:	PowerBI
Database:	SQL, MySQL

EXPERIENCE

Actively looking for Internships and full time opportunities.

PROJECTS

Titanic Death Prediction: Built a tool to predict the death of a passenger aboard the Titanic. Comparing all Classification algorithms for best accuracy. (Here)

Lung Cancer Prediction: Classification Project comparing different algos for best accuracy on an imbalanced data set using SMOTE. (Here)

Email Spam Classifier: A Web App EMail/SMS Spam filter using NLP on Streamlit.(Here)

Whatsapp Chat and Sentiment Analyzer: A Web App that asks for group/personal chats and shows key insights about the chats, such as Media Shared, total no of messages shared, most commonly used words, most active users etc. Using VADER sentiment analysis has been done on the texts shared by the users and an overall report has been shown.(Here)

Image Classification: Used Bing Img Downlaoder to create datasets of diff images and categorize them using SVM.

EXTRA-CURRICULAR ACTIVITIES

Love to play video games and watch anime in my leisure time.

LEADERSHIP/ACHIEVEMENTS

School Captain (2018-2019), Runner up Zonal Art Competition, Won and participated in many Inter/Intra School Competitions, Taught underprivileged children after school once a week.