SUBRATO KUMAR

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EDUCATION

BIRLA INSTITUTE OF TECHNOLOGY, MESRA *2021-Present*
M.TECH IN COMPUTER SCIENCE AND ENGINEERING, CGPA - 9.84

DR B.C ROY ENGINEERING COLLEGE, DURGAPUR. *2015-2019*
B.TECH IN COMPUTER SCIENCE AND ENGINEERING, DGPA - 7.7

PROJECTS

Heart Disease Prediction | Machine Learning ○ *SEP-2021*

- Implemented various classifier methods such as linear,logistic,KNN and decision tree for the prediction of heart disease.
- Calculated accuracies for each of the classifiers mentioned above and compared them accordingly.

Banking System | C++ ○ *Jan 2022*

- Designed, Developed a simple banking system using C++.
- Implemented all the features of a bank with a dynamic menu.

Car Brand Classification | machine learning, transfer learning, CNN ○ *Dec-2021*

- Designed and Developed a classification to classify Supercar images into their respective brands.
- Implemented the resnet50 model along with transfer learning technique being used.
- Divided the set of images into two subsets test and train which were then used for the purpose of classification.

Machine Learning Techniques ○ *2021-2022*

- Implemented Linear Regression, Logistic Regression, Decision Tree classifier, SVM, K-means Clustering, PCA and a simple Deep Learning model with dropout from scratch on various datasets.

TECHNICAL SKILLS

PROGRAMMING LANGUAGES	Python (Numpy,Pandas,Matplot, Seaborn,STL)	C/C++	MySQL
TOOLS	Visual Studio Code	jupyter	Eclipse	Netbeans	Microsoft Visual Studio
SOFT SKILLS	Leadership	Debating

RELEVANT COURSES

- Machine Learning*
- DBMS
- Android Studio
- SBI Life
- Design and Analysis of Algorithms

ACHIEVEMENTS AND ACTIVITIES

- NPTEL Online Certification on DBMS
- Hero Hunger Award By Jamshedpur City
- Nature Photography.
- Member of an Iskon Youth Forum.
- SBI Life advisory.