SHUBHANSHU TRIPATHI

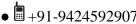
M.Tech. (CSE) | CGPA: 8.06 | Birla Institute of Technology, Mesra | 2018-2020



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OBJECTIVE

To utilize my core technical competencies and skills & act as a solution finder for organizational and individual growth

SKILLS

Java

C++

Data Structures

Algorithms

Python

• Machine Learning

Markdown

THESIS WORK

Title: Diabetes Prediction using Machine Learning (Github URL: bit.ly/dbtspred)

Languages: Python 3, Markdown

Software: Jupyter Notebook, Google Colaboratory

- Achieved 81.3% accuracy on Pima Indians Diabetes Database with Random Forest classifier
- Applied and compared accuracies of "K-Nearest Neighbors, Support Vector Machine, Decision Tree and Random Forest" classification algorithms for diabetes prediction
- Achieved an **improvement of 5.5% in the accuracy of the Decision Tree** classification algorithm
- Predicted missing values present in the dataset using a set of "Linear Regression, Support Vector Regression, Decision Tree and Random Forest" regression algorithms
- Performed Dataset Balancing using **SMOTE** algorithm and then Feature Scaling

CERTIFICATIONS

- Completed "Complete Python Bootcamp" course from Udemy Certificate URL: bit.ly/pyud
- Passed "Basics of Data Science and Machine Learning" course from Coding Ninjas Certificate URL: bit.ly/dscmlcn
- Passed "Object Oriented Programming Using C++" course from NIIT Certificate URL: bit.ly/cppniit

ACHIEVEMENTS

- Earned Silver badge (3/5 stars) in Python on HackerRank
- Earned Silver badge (3/5 stars) in C++ on HackerRank
- Qualified GATE (CS) exam organised by Indian Institute of Science (IISc), Bangalore

This Resume was updated on: 24 Aug 2021

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