ABHINAV KUMAR

biwabhinav99@gmail.com| abhibiw99@outlook.com
| be10623.17@bitmesra.ac.in

EDUCATION

BIT MESRA
B.E. BIOTECHNOLOGY
2017-2021| GPA: 8.07

DELHI PUBLIC SCHOOL,RANCHI
PCM with Computer Science
2014-2016| CBSE | Percentage: 89.4

ST XAVIERS SCHOOL,RANCHI
-2014| ICSE | Percentage: 93.8

LINKS

Github:// **biwabhinav**
LinkedIn:// **abhinav-kumar-018344178**
Hackerrank:// **biwabhinav99**
CodeForces:// **biwabhinav99**
GFG:// **abhinavkumar99**

COURSEWORK

COLLEGE CURRICULUM
Machine Learning
Discrete Mathematics
Database Management System
Data Structures and algorithms
Algorithm Design and Analysis
Operating Systems
Object Oriented Programming

COURSES AND CERTIFICATIONS
Python Introduction, DS and Algo -Coding
Ninjas
Data Science and Machine Learning
Complete -Coding Ninjas
Software Engineering Virtual Experience-
JP Morgan Chase Co.
Tech Consultant Virtual Internship -
Deloitte

SKILLS

Languages and Frameworks:
Java • C++ • Python • Javascript
• Matlab
Full Stack Web Development:
HTML,CSS,PHP • ExpressJS • NodeJS •
ReactJS
Data Science and Machine Learning:
Tableau • Numpy • Pandas • MySQL
MongoDB • Keras •
Tensorflow•Selenium, BeautifulSoup •
GIT • NLP

EXPERIENCE

STEEL AUTHORITY OF INDIA LTD. | Training - Web Development
05/2019 – 07/2019
- Developed Online Taxi Booking system using HTML,CSS,.php, MySQL, JavaScript at the R and D center,Computerisation and IT wing,SAIL,RANCHI.

PROJECTS

GRADIENT DESCENT | Linear Regression Classification
Coding Gradient Descent from scratch , on Linear Regression classifier predicted- 1. House Pricing for Boston Dataset 2. Energy Output in CombinedCycle Powerplant

DECISION TREE PROJECT
Built the decision tree classifier from scratch to predict values for IRIS Dataset.

PROJECT TEXT CLASSIFICATION | NLP,Naive Bayes
Using Multinomial Naive Bayes algorithm and NLP, built a text classifier to classify the text into 20 different classes and achieved accuracy of upto 80

CIFAR-10: IMAGE CLASSIFICATION | PCA,CNN
Trained a CNN model to classify images into 10 different classes. Training was done with 50,000 images, performed testing over 10,000 images. Accuracy achieved > 85

TWITTER API SENTIMENT ANALYSIS | Naive Bayes, NLP
For a given Twitter US Airline Sentiment Dataset, which contains data for over 14000 tweets, task was to predict the sentiment of the tweet i.e. positive, negative or neutral.

PROJECT INSTABOT | SELENIUM, PYTHON
Automates instagram activity by using Selenium WebDriver and python includesliking, following, commenting, unfollow.

AWARDS,ACHIEVEMENTS AND EXTRACURRICULARS

Member, Executive Body BIOTs , BIT MESRA
District Rank-1,NEWTON TUTORIALS JEE SCHOLARSHIP EXAM(2014)
BIT MESRA : Departmental Rank 2 (2017-2021)
Panelist member at IIM RANCHI-2015,on digitisation of education.
Student Member of MIT AND HARVARD BIOTECH GROUP
Voted as Sr. Vice Captain of ST, Xavier's School
CULTURAL AND EDUCATIONAL FOREIGN EXCHANGE STUDENT AT NASA, ORLANDO
Highest Scorer in Physics(99/100) AISSCE 2016 in DPS RANCHI

LANGUAGES KNOWN

ENGLISH, HINDI AND FRENCH