Sikta Sharma

Data Analyst

Data Science Enthusiast, inquisitive about the latest algorithms used in the industry. Proficient communication skills with managerial aptitude.

siktasharma24@gmail.com ✉
9644445241 📱
Raipur, India 📍
soulsspeak2168.wordpress.com/ 🌐
linkedin.com/in/sikta-sharma-aaa72a173 in
github.com/siktasharma ⬡

EDUCATION

B.Tech in Biomedical Engineering
National Institute of Technology, Raipur

08/2018 - Present   *8.98 SPI*

PERSONAL PROJECTS

Trend Analysis of Covid 19 Death tolls
- Analyzing the daily worldometer of cases and figuring out the death stats between developed nations and India. Inferring to the response time and health facility, and research and development team of the country.

Prediction of Blood Donors
- Using the data of 700+ blood donors, analyzing them using Python Libraries and then Predicting where some person did donate or not.

Tweet Sentiment Analysis
- Analysing the tweet by using Natural Language Processing Differentiating between positive and negative tweets

BCI — Brain Computer Interface
- Accessing Brain Waves to control the devices around though EEG.Made a Cost Effective Cyton Board to process the data.Currently, developing an analyzer for ECG, EEG and EMG.

WORK EXPERIENCE

Research Intern
Indian Institute of Technology, BHU

02/2021 - Present

Achievements/Tasks

- The project we are working upon is analyzing the EEG data from a data set of 42 classes and finding the best methodology to achieve highest accuracy.

Data Analyst Intern
MedTourEasy

01/2021 - 02/2021

Achievements/Tasks

- Trained to be a Data Analyst, did a project work on Predicting Blood Donations using the data of 748 Donors from Machine Learning Repository

Biomedical Engineer — Intern
M.I.C.E LABS, MUMBAI

08/2020 - 09/2020

Achievements/Tasks

- Developed a prototype for Portable Cooler for Blood and vaccine with Temperature Regulation and monitoring system.

SKILLS

Python Intermediate | Numpy | Pandas | Matplotlib | Seaborn | Scikit Learn | TensorFlow 2.0 | MySQL | PostgreSQL | Machine Learning | Neural Networks | CNN

ACHIEVEMENTS

2nd Rank in Hackathon
Developed a prototype of a Portable, Safe and Economical Container for transportation of Blood units and Vaccine. It can monitor and regulate temperature from 2-8 degree centigrade and retain it for a longer period of time.

ORGANIZATIONS

Innovation Cell - NIT Raipur (09/2018 - Present)
Head Coordinator

TEDxNITRaipur (09/2019 - Present)
Coordinator - Documentation

Nrityam - The Dance Club of NIT Raipur
(09/2018 - 05/2020)
Coordinator - PR

CERTIFICATES

Data Analyst using Python
Data Camp Career Track comprising of 16 courses including ones with SQL, Data MIning and Data Joining

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization
Coursera; Tutor- Andrew NG

Neural Network and Deep Learning
Cousera; Tutor - Andrew NG

Python Bootcamp with Machine Learning
Udemy; Tutor - Jose Portilla

Complete Guide to TensorFlow for Deep Learning with Python
Google's Deep Learning Framework - TensorFlow with Python

LANGUAGES

English
Full Professional Proficiency

HIndi
Full Professional Proficiency