Soumyadip Sarkar
Data Scientist/ML/DL Enthusiast

I am experienced in Computer Vision, NLP, Machine Learning, Deep Learning. I familiar with backend development for ML/DL models using flask and streamlit. I love participating in Kaggle competitions and different Hackathons. I also like doing Open-Source Contributions and writing blogs.

✉ soumya997.sarkar@gmail.com

📱 Phone Number

📍 Mahish Bathan, Sector-V,Salt Lake,Kolkata-700091, Salt Lake, India

🌐 soumya997.github.io/vcv/

in linkedin.com/in/soumyadip-sarkar-173901183

🐦 twitter.com/Soumya997Sarkar

⚡ github.com/soumya997

stackoverflow.com/users/12568833/soumyadip-sarkar

EDUCATION

B.Tech in Electrical Engineering
Institute of Engineering and Management, Kolkata

07/2018 - Present

PERSONAL PROJECTS

Resume Analyzer ⧉
- Resume Analyzer tool/web-app for recruiters which can help them to select candidates easily and quickly.
- **Data Preparation(web-scrap) + Resume Score Prediction + Resume Summarization + Model Deployment.**
- Used Scikit-Learn, Spacy, NLTK, Streamlit, flask, Docker.

Virtual Doc ⧉
- **Provides quick and accessible medical assistance like malaria detection, diabetes detection including COVID within your browser.**
- It was a group project.We used MERN and tfjs stack for the web-app and tensorflow, opencv and pandas for model building.

Music Generation Using Deep Learning ⧉
- **Used midi data and ABC sheet music for building WaveNet and a character level LSTM model respectively.**
- Used tensorflow,NLTK,RegEx,Numpy,Plotly.

Face-Mask-Detection-Using-Deep-Learning ⧉
- **Face Mask Detection using Deep Learning: a simple GUI based application for face mask detection.**
- Used tensorflow,opencv haar cascade,TKinter

COVID-DeepNet: covid detection using lungs Chest X-Rays ⧉
- It was a group project. We used **Image segmentation** on the data and fed that to our model which was a **depthwise separable Convolution 2D** model.
- we got approx. 90.6% accuracy.

Joke Generation Using MinGPT with tensorflow-2.0 ⧉
- **Its a tensorflow implementation of minGPT for generating jokes.**
- Mainly used tf, NLTK, mingpt

SKILLED AT

tensorflow   Huggingface   Opencv   Spacy

Computer Vision   NLP   Web Scraping

Scikit-Learn   flask   streamlit   tensorflow.js

C++   Git   CREME

FAMILIAR WITH

1)Docker, 2) kubernetes, 3)GCP, 4) Heroku

5)Linux, 6)Bash, 7)Rasa, 8)Java

9)Power BI 10) MySQL 11) Postman

ACHIEVEMENTS

Ranked 7th at Octahacks:3.0
Got 7th rank out of 456 teams FROM ~26 states. The hackathon was organized by DSC CIET

Kaggle Kernel Expert
Highest rank 485 out of 148,467 people worldwide

Top Contributor
Top Contributor at DSC-IEM during Hacktoberfest. in their AI repository.

Participated in SIIM-ISIC Melanoma Classification challenge ⧉
Got about 7.76 LB score. It was my 1st Kaggle challenge.

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Bengali
Native or Bilingual Proficiency