

Saksham Jain

Machine Learning And Deep Learning Engineer

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Programming Languages

- Python
- C/C++

Key Skills

- Data Analysis
- Data Visualization
- Machine Learning
- Deep Learning
- Computer Vision
- Natural Language Processing
- Model Deployment

Technologies

- Tensorflow
- Keras
- Opencv
- Scikit-Learn
- Flask
- Tableau
- Docker
- SQL
- Git

Languages

- English
- Hindi

Interests

- Programming
- Cricket
- Songs

Education

KANPUR INSTITUTE OF TECHNOLOGY

Bachelor Of Technology in Computer Science

CGPA-8.5/10 (Till 4th Semester)

Aug.17 to Present

Experience

S.O INFOTECH

Training And Internship

June to July 19

Worked on various projects using technologies like Scikit -Learn , Neural Networks,Keras,Seaborn and deployed them on Herokuapp using Flask framework.

Projects

FACE RECOGNITION BASED ATTENDANCE SYSTEM

- A model trained to recognize faces of students in the photo and mark their attendance in a database.
- Used MTCNN,Facenet models and implemented transfer learning.
- Trained an SVM classifier for prediction and deployed it using Flask.
- Technologies Used-Keras,Opencv ,SVM, sql3,Flask.

NEWS CLASSIFICATION

- A Machine Learning model that categorizes the news headline into different categories like Business,Sports and Technology.
- Created own dataset by web scrapping using Python.
- Model achieved an accuracy of 84%.
- Model is deployed on Heroku app using Flask
- Technologies Used- Text Learning, Vectorizer, NLP,BOW,Scikit-Learn,SVM,Flask.

DIGIT RECOGNITION FROM HAND GESTURE

- A Deep learning model that recognizes digit by hand gesture feeded to the model.
- Model is trained on Kaggle dataset achieved an accuracy of 96%.
- Technologies Used- OpenCv,CNN,Keras,Tensorflow.

WIND AND SOLAR ENERGY PREDICTION

- A mobile app that predicts the generation of wind and solar energy on a particular day.
- Model achieved an accuracy of 93%.
- Technologies Used - Numpy,Pandas,Scikit-Learn,Random Forest,API's.
- I have also presented this project at Smart India Hackathon 2018.

Certifications

Programming In C++

Data Analysis With Python

Databases And SQL For Data Science

Convolutional Neural Networks

Sequence Models

Nielit India

IBM Coursera

IBM Coursera

deeplearning.ai

deeplearning.ai

Extra-Curricular Activities

Dell Campus Ambassador

IEEE CIS Member

Participant Smart India Hackathon

Attended Winter School on Deep Learning at IIT Kanpur

Nov. 2018 To Present

Dec. 2018 To Present

May 2018

Dec 2018