SUMEET SEWATE

Data Scientist
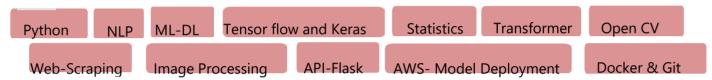
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SUMMARY

Data Scientist with 3.3 years of experience in the field of AI/ML, NLP, Predictive Analysis, Image-processing, Deep-learning, computer vision, AWS Deployment, API-Flask, and Sound Knowledge of Machine Learning and Deep learning Algorithms and Statistics with Data Visualization techniques.

SKILLS

Python NLP ML-DL Tensor flow and Keras Statistics Transformer Open CV

Web-Scraping Image Processing API-Flask AWS- Model Deployment Docker & Git

EXPERIENCE AND PROJECTS

Data Scientist

NEC Corporation India Private Limited, Noida (May 2021-present)

1. E-Market Intelligence Solution

Developing Intelligence platform to compare different e-market places, price gap, and similar product analysis, Anomalous data point or features detection by using AI, NLP techniques.

2. EPL Machine Scrape forecasting using LSTM

Forecasting the scrape ejection count using LSTM given on Time Series Data of Tubing Machines of plant to utilized the raw material efficiently with minimum loss.

3. SEBI PoC

Detecting the required entities in SID documents using python and NER custom model.

Software Developer (AI/ML)

DigiScape Tech Solutions Ltd. [An India Today Group Company], Noida, March 2019- May 2021

1. Learning and Assessment platform for various exams using ML Algorithms.

Helping the student to learn and improve their study using ML predictive Analysis

2. Detection & Recognition text from Image Using Computer Vision and Deep Learning.

Extraction of Images from word Documents as an input files, classification of images as vector and raster images, enhancing the quality of Blur images. Text-Boundary Detection and Extraction using East OCR model and open CV libraries and Google vision API.

3. **Document Classification of journals of research paper**

Classification of journals of research papers for peer reviews of publication industry using NLP, Doc2Vec.LR

4. Peer Review including reviewers for journals and readability visualization

Text Extraction and Images data from word Documents and Matching Contents using NLP, Docx library, NLP i.e. spacy, regex and cosine similarity for image matching.

Identifying the given journal article's different components meta data such as its all heading, subheading and its corresponding text including image extraction , checking the readability of document using language Statistical parameter, visualization, also suggest the authors reviewer name for journal using Doc2Vec url libs, regex etc.

ACADEMIC PROJECT
HUMAN ACTIVITY RECOGNITION BASED ON CNN MODEL, PGDBDA, CDAC, 2018-2019

The project is to develop a Human Activity Recognition based on Accelerometer and gyroscope sensors signals in this project model CNN (Convolutional Neural Network) which uses the sample collected on human activity i.e. walking, sitting, standing, running etc.

CERTIFICATION & ACCOMPLICEMENT
- AWS Data Analytics Course completion Certificates – AWS
  - Covered S3, Glue, Athena, EMR , kenesis, QuickSight Services
- Advance Computer Vision with Tensor flow * - Coursera
- Introduction to Tensor flow for AI/ML/DL – Coursera
  - Hands on practice on Vision problems like Image classification/Regression, Detection, Segmentation using Architectures like U-net, FCN, Faster-CNN, ResNet50, VGG etc.

EXTRA CURRICULAR ACTIVITY

  - Technical blog on ***Object Detection Algorithms*** - **https://sumeet-sewate.medium.com/**

TOOLS & Other Skills

  - Knowledge of Git

  - Understanding of Docker

  - Knowledge of Putty

  - Understanding of Postman

  - Understanding of PySpark

  - Html and CSS

EDUCATION

PG Diploma in Big Data-Analytics	**Advance Diploma in dot net**	**BE IN ELECTRONIC AND COMMUNICATION ENGG**
CDAC, Noida	NIELIT, CALICUT,	Nagpur University, Nagpur
2018-2019	KERALA	2015
	2017	