ALANKRIT NIRJHARPremium CV Featured Resume

Senior Analyst (1 Year) | B.tech (Mathematics & Computing) | Machine Learning | NLP | Deep Learning | Computer Vision | Statistical Analysis|SQL| EXCEL

Current Designation: Senior Analyst -- Machine Learning

Current Company: Capgemini

Current Location: WORKFROMHOME- Bilaspur

Pref. Location: INDIA,Bengaluru / Bangalore,Delhi / NCR

Functional Area: Analytics & Business Intelligence

Role: Data Analyst

Industry: KPO / Research /Analytics

Marital Status: Single/unmarried

Total Experience: 1 Year(s) 1 Month(s)

Notice Period: 2 Months

Highest Degree:

Key Skills: Data Analysis,Machine Learning,Data Science,Data Visualization,SQL,Python,MS-Excel,Statistical Analysis,Deep Learning,Artificial Intelligence

Verified : Phone Number | Email - id

ID: ba56b4f594cd449891db291ae8e04206Last Active: Jul-Sep 2020Last Modified: Jul-Sep 2020

Jump to SectionWork Experience | Education | IT Skills | Projects | Work Authorization

Summary

1 year+ Experience - "STATISTICAL MODELING, DATA ANALYSIS & MACHINE LEARNING"

Technical Tools - PYTHON, SQL & MS-EXCEL

Actively looking to switch in a Data Analyst/Data Scientist Role (can join within 45-60 Days)

Work Experience

Capgemini as Senior Analyst -- Machine Learning

Aug 2019 to Till Date

IT Ticket Summary Category & Sub-Category Prediction:

Used keras preprocessing library and regex to remove stopwords, tokenize and filter out of context commonly occurring words.

Obtained padded sequences for sentences after one-hot encoding of top 20,000 words in 10 Lakh Rows (text fields) of Data.

Performed Transfer Learning of pre-trained Glove Embeddings using Embedding Layer in Keras with stacked LSTM layers.

Trained the Model using Bi-Directional stacked LSTM layers with an accuracy of 92 percent on the test dataset of 15,000 records.

MTTR (Mean Time to Resolution) Prediction Model:

Automated cleaning & pre-processing of incoming data

in real-time from a monitoring tool.

Used Word2Vec in Embedding Layer to obtain sentence embeddings while training Sequential Artificial Neural Networks.

Trained with a R2 Score of 0.8 using RIDGE Regression ML Model.

Integrated Automated Models with the existing in Linux and Windows remote servers.

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Education

UG: B.Tech/B.E. (Mathematics and Computing) from Delhi College of Engineering (DCE), Delhi in 2019

PG: in 0

Other Qualifications/Certifications/Programs:

Automation Foundation Machine & Deep Learning

Automation Engineer Practitioner Certification

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IT Skills

Skill Name	Version	Last Used	Experience
TensorFlow	2.0.0	2020	1 Year(s) 1 Month(s)
SQL		2020	1 Year(s) 0 Month(s)
MACHINE LEARNING		2020	1 Year(s) 1 Month(s)
Natural Language Processing		2020	1 Year(s) 1 Month(s)
Python	3.7	2020	1 Year(s) 1 Month(s)

EXCEL 2016 2020 1 Year(s) 1 Month(s)

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Languages Known

Language	Proficiency	Read	Write	Speak
English	Expert			
Hindi	Expert			

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Projects

Project Title: Smoke&Fire Detection - Binary Image Classification

Client: Self

Nature of Employment: Full Time

Duration: Aug 2020 - Sep 2020

Onsite / Offsite: Onsite

Team Size: 1

Skill Used: Python, Machine Learning, Deep Learning, Image Processing

Project Details: Binary Image Classification Model using CNN

Detecting whether an image has Smoke& Fire (Unsafe) vs whether the image doesn't show Smoke&Fire(Safe)

Developed Training (2000+) and Test (1000+) Datasets by acquiring from Kaggle Datasets and Google Images.

Used Keras Imagedatagenerator framework to Augment Data after every epoch in terms of brightness, rotation, zoom etc.

Developed CNN Model with L2 Regularisation followed by flattening and feeding the output of CNN Layers to Keras Dense Layers in a sequential manner.

Trained the Initial Model to achieve Precision - 0.9 & Recall - 0.75