

Rahul Dogra

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EDUCATION

NIIT

Post Graduation Diploma in Banking Operations

2016 – 2016

Sherwood College of Professional Management

Bachelor of Computer Application

2012 – 2015

Lucknow Public School(ICSE Board)

Higher Secondary Certificate

2011 - 2012

EXPERIENCE

Artificial Intelligence Instructor

Udemy | DataTheory | YouTube - Lucknow

Jan 2021 – Present

I have trained working professionals and students in various different countries into Machine Learning, Data Science, Deep Learning, Big Data, Python etc.

AR Associate

GeBBS Healthcare Solutions - Mumbai

Jan 2020 – Feb 2021

A Medical Billing International US based Company :
To make sure claims get paid to provider by Insurance companies by working on denial claims through analyzing the historical data.

Senior Officer - Analytics

ICICI BANK - Noida

Dec 2016 - Jan 2019

CREDIT CARD LEAD PREDICTION

Automate weekly productive and analysis reports.
Achieved in predicting the rich customers who could buy credit cards.
Technology: Python | Machine Learning Boosting Algorithms and EDA

CERTIFICATION

Artificial Intelligence with Python -NIELIT, Government of India

Data Science with Python and Tenserflow - Udemy

Machine Learning and Deep Learning - ReGex

Python Technology Training- Aptech

Machine Learning and Deep Learning Internship - REGex

Complete Neural Network Bootcamp:Applications - Udemy

Trainee | INTERNSHIP

ReGex Software Services | Company - Jaipur

Jan 2021 - April 2021

Internship Project

Project Title - Iris Flower Classification Problem
Technology : Python | XGBoost |KNN | Artificial Neural Network

SKILLS

Image Processing: (OpenCv, Python)

Text Processing: (NLTK, Spacy)

Machine Learning: (sklearn, numpy, pandas)

Languages: (C++, Java, Python)

Web Scraping: (BeautifulSoup)

Deep Learning : (Pytorch, Tensorflow)

Web Based Technologies (Django)

Databases (Microsoft SQL, SQLite)

Visualization Tools (Matplotlib,Seaborn,Plotly,Cufflinks)

Version Control Systems (GitHub)

Deployment(AWS with SageMaker, Heroku)

Data Science Tools (PySpark, Tableau)

PROJECTS

Vision Transformer(ViT) on Image Classification

Trained MNIST dataset using visual Transformers
We can achieve State of the Art even using transformers for building Computer Vision Models. NO CNN Required

Technology : vit pre-trained model | Python | Pytorch

Sentiment Analysis using LSTM Packed Sequence

Implementation of LSTM layers with pre-trained word embeddings to predict the polarity of textual data in Pytorch

Transfer Learning with different CNN Architectures

Implementation of Transfer Learning with different Neural Network Architectures like pre-trained Resnet, ImageNet

Technology : resnet pre-trained model | Torchvision | Pytorch

Movie Review with Pytorch Framework

DistilBERT is a small, fast, cheap and light Transformer model trained by distilling BERT base.It has 40% less parameters than bert-base-uncased , runs 60% faster while preserving over 95% of BERT's performances as measured on the GLUE language understanding benchmark.

Technology : DistilBert | HuggingFace | Pytorch

Covid19 Analysis with Dashboard using Folium Map

Methodology used is as follows:

- 1.Importing COVID19 dataset.
- 2.Deciding on and calculating a good measure for our analysis.
- 3.Finding correlations among our data.
- 4.Visualizing our analysis results using Seaborn.
- 5.Draw dashboard using python code

Technology: Python | Numpy | Pandas | Tableau

HOBBIES

Reading AI Research Papers| Teaching| Learning

Computer Vision | Video Designs | Adobe Premier Pro