

# 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