

Dax Jain

Machine Learning Engineer

Passionate about taking dives into the ocean of Machine Learning and Data Science, explore and solve real world problems with Computer Vision and Natural Language Processing.



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EDUCATION

MSc(AI & ML)

Department of Computer Science, Gujarat University

2018-2020

CGPA 6.88

BCA

Matrushree L.J.Gandhi BCA College, Modasa

2015-2018

CGPA 7.47

WORK EXPERIENCE

Machine Learning Engineer

Inferenz Pvt, Ltd.

07/2020 - Present

Ahmadabad, Gujarat

I worked on computer vision and machine learning and data science problem.

AI & ML Intern

Inferenz Pvt, Ltd.

01/2020 - 06/2020

Ahmadabad, Gujarat

I worked on computer vision and machine learning problem.

PROJECTS

Chatbot (Turing Test)

- I developed a chatbot using that passed turing test with 45% accuracy.

Medical Image Classification using opography images

- As a part of medical images classification, I worked on this project to predict the given image of an eye as keratoconus positive or not.

Flower Image Classification

- I worked on classifying a given set of flower species using pretrained models.

Music Generation using sequence to sequence model

- We used LSTM and RNN to generate polyphonic music of different instruments such as: Bright Acoustic Piano, Electric Guitar, Glockenspiel, SynthStrings 1, etc.

Customer Churn Prediction

LCD Panel Extraction and OCR

SKILLS

Computer Vision

NLP

Data Preprocessing

Model Deployment

Transfer Learning

Data Visualization

Object Detection

Image Classification

DBMS

FRAMEWORKS

Tensorflow

keras

pandas

numpy

matplotlib

NLTK

Spacy

Scikit-learn

pytorch

flask

torch-vision

librosa

plotly

COURSES

High performance computing and Deep learning - IIT Roorkee (10/2018 - 10/2018)

Conference/Issuer of the certificate

INTERESTS

Machine Learning

Data Science

Deep Learning

LANGUAGES

Gujarati

Full Professional Proficiency

Hindi

Full Professional Proficiency

English

Professional Working Proficiency