Akash Gupta

Focusing on a challenging career as a software professional seeking a quality environment where my knowledge can be shared and enriched and intend to build a career with leading corporate.

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SKILLS

C | C++

Problem Solving

Linear Algebra

Data Science

Machine Learning

Deep Learning

Regression Models

Natural Language Processing

LANGUAGES

English
Professional Working Proficiency

Hindi
Native or Bilingual Proficiency

INTERESTS

Rubik's Cube Solving

Doing Workout

EDUCATION

B. Tech
Jaypee Institute of Information Technology, Noida

2017 - Present

Computer Science Engineering

- CGPA: 7.5 (As of 6th semester)

Class 12th & Class 10th
Simpkins School, Agra

03/2014 - 03/2016

CBSE Board

- Class 12th: 90.4%
- Class 10th: 10.0 CGPA

INDUSTRIAL TRAINING

Machine Learning Training
Internshala

05/2020 - 06/2020

The training consisted of Introduction to Machine Learning, Python for Machine Learning, Data Exploration Evaluation Metrics, k-NN, Linear Regression, Logistic Regression, Decision Trees Basics of Ensemble Models and Clustering modules.

CERTIFICATES

Neural Networks and Deep Learning (08/2019 - Present)
Covers basics of Neural Network and Machine Learning
(https://www.coursera.org/account/accomplishments/verify/AVHALXHQETEY)

Regression Models (06/2019 – Present) (06/2019 - Present)
Covers basics of various Regression Models
(https://www.coursera.org/account/accomplishments/verify/K3EEBS4DZVQL)

PROJECTS

Mind Tree (02/2020 - 04/2020)
- Mind tree is a health app with several features at its core Featuring a Google's teachable machine-based real-time yoga pose estimator to help people do yoga in real-time without the need of an instructor or an active connection A unique Haar cascade classifier that can detect common eye defects and a chatbot using google dialogue flow using context bases reminders.

MathApi (09/2019 - 11/2019)
- Handwritten mathematical expression evaluator. Developed an api, using flask that receives a base64 encoded image, read it, classify the image and then perform some calculation and return the output using deep learning technique and MNIST dataset

Facial Expression Recognition (11/2019 - 12/2019)
- It is a real-time facial expression recognition engine it uses a Haar cascade face classifier to extract face image from the entire image and then predict expression out of the seven expressions using transfer learning and openCV.
- The Model used vgg16 for transfer learning and dataset from Kaggle.

Style Transfer(Paint like Picasso) (05/2020 - 06/2020)
- It helps to compose the image in the style of your choice using a transfer learning and Tensorflow eager execution. For this we created a content_loss function and style_loss function and using gradient descent to generate a composed image.
- The Model used vgg19 for transfer learning.