

Hello

I'm Apoorve Kalot

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Education

AUGUST 2017 - PRESENT

Indian Institute Of Technology, Hyderabad - *Bachelor of Technology in Engineering Physics with a **minor** in Entrepreneurship.*

Current GPA - 7.11

MAY 2016 - MAY 2017

Maheshwari Public School, Ajmer - *12th Grade*

Final result - 89.40%.

MAY 2014 - MAY 2015

Maheshwari Public School, Ajmer - *10th Grade*

Final result - 10.00 CGPA.

Courses

Computer Science : Introduction To Programming, Introduction To DataStructures, Advanced DataStructures, Algorithms

DataScience/ML/IR : Introduction To AI and ML, Data Science Analysis, Artificial Intelligence Data Mining and DBMS-1.

Skills

General : Data Structure/Algorithms [Intermediate], Machine Learning [Beginner], Computer Vision [Beginner], Micro-Controller Circuit Designing [Beginner], Web Development [Beginner], Video-Editing [Beginner],

Languages : Python [Intermediate], C/C++ [Intermediate], Go [Beginner]

Tools : MATLAB/GNU Octave [Intermediate], GitHub [Beginner], Prometheus [Beginner]

Projects

DEC 2019 - JAN 2019

Machine Learning – *Neural Style transfer Using tensorflow*

This Project involves transferring style from a sample image, to an inputted image, resulting image with new style, using Tensorflow and keras..

JUN 2019 - DEC 2019

Data Mining – *Comments-Oriented Blog Summarization by Sentence Extraction.*

This Project involves extraction of representative sentences from comments which represents topic being discussed in the comment and thus using different metrics for abstract summarization and performance evaluation of the result.

JUN 2018 - DEC 2019

Computer Vision and Deep Learning – *Determining traffic flow patterns and anomaly detection*

It is about detecting changes in trajectories of regular objects to prevent accidents or any other mishaps in Real Time using pre-defined State-of-the-art architectures.

JUL 2019 - AUG 2019

Machine Learning – *Sentiment analysis of tweets from Twitter*

The project consisted of extracting of tweets from twitter (using official Twitter API) and doing Sentiment analysis and Data visualisation of different information present in the tweets.

JUL 2019 - AUG 2019

Computer Vision – *Facial Recognition and identification Using OpenCV and Python*

Using inbuilt facial classifier of OpenCV, detecting people's face and identifying them in live session through camera feed or user inputted image..

AUG 2019 - AUG 2019

Computer Vision – *TimeLapse Video using OpenCV and Python*

Creating TimeLapse video from inputted video from real-time webcam feed or inputted video.

DEC 2018 - APR 2019

Machine Learning – *Speech-Recognition-Bot*

The project consisted of Arduino (micro-controller) controlled bot which has been controlled by voice only specific user, whose voice samples have been used to train convolutional neural networks.

Extra-Curricular Activities/Position Of Responsibilities

- Currently serving as a **Core member** of ML Club - "**EPOCH**" of IIT Hyderabad.
- **Represented** IIT Hyderabad at 3rd Inter-IIT Cultural Meet at IIT Roorkee.

- **Club Coordinator** Of IIT Hyderabad Drama Club - ***Rang De Manch*** during 2018, got “Best Cultural Club” to ***Rang de Manch*** during that tenure.
- Performed in many Dramas, Street-Plays, and Monologues during various occasions.

Personal Strengths

- *Confidence*
- *Dedication*
- *Leadership skills*
- *Stress tolerance*
- *Positive Attitude*: Creating a positive work environment.