



Academic Details			
Year	Degree	Institute	CGPA/Marks(%)
2021	B.Tech Engineering Physics	Indian Institute of Technology Hyderabad	7.16
2021	Minor in Entrepreneurship	Indian Institute of Technology Hyderabad	8.5
2017	XII (CBSE)	Maheshwari Public School, Ajmer	89.4%
2015	X (CBSE)	Maheshwari Public School, Ajmer	10

Relevant Courses

Computer Science : Introduction to Programming, Introduction to Data Structures, Advanced Data Structures, Algorithms
Data Science/ ML/ IR : Introduction to AI and ML, Data Science Analysis, Artificial Intelligence, Data Mining, DBMS
MOOCs : Coursera Deep Learning Specialization, Coursera TensorFlow Developer Specialization

Skills

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

Languages : Python [Intermediate], C [Intermediate], Go [Beginner].

Tools : Matlab/Octave [Intermediate], GitHub [Intermediate], Prometheus [Beginner], AWS EC2 service [Beginner]

Internships

• **Company Name** : Tech IndusOne Services

Profile : Deep Learning Intern

Description : As an intern, my work consisted of completing projects on AWS virtual EC2 instance along with mentoring Junior interns for their respective Projects.

1. **Drowsiness Detection** : Detecting a person's drowsiness on live video stream using openCV and , and deploying on webpage using Flask.
2. **Invisibility of People using Pre-trained Mask-RCNN model** : Similar to Harry Potter's Cloak of Invisibility, Making people disappear in live video feeds using SOTA models and Image Processing.

Projects

General Projects :

• **Natural Language Processing** - *Rumor detection with Using External Information Retrieval* : **Guide** : Prof. Srijith
This project includes Cross Checking tweets authenticity using various external factors and transfer learning.

• **Data Mining** - *Comments-Oriented Blog Summarization by Sentence Extraction* : **Guide** : Prof. Manish Singh

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

• **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, keras.

• **Machine Learning** - *Sentiment analysis of tweets from Twitter* :

The project consisted of extracting tweets from twitter and doing Sentiment analysis and Data visualization of information present in tweets.

• **Computer Vision** - *Facial Recognition and identification Using OpenCV and Python* :

Using the inbuilt facial classifier of OpenCV, detecting people's faces and identifying them in live video sessions or user inputted images.

• **Computer Vision** - *Time-lapse Video using OpenCV and Python* :

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

Positions of Responsibility

• **Placement Coordinator** - *Office of Career Services, IIT Hyderabad (2020-21)* : Main duties involve being a single-contact point between different companies and students, conducting presentations, seminars, recruitment process.

• **Class Representative** - *Engineering Physics Batch (2020-21)* : Being a single contact point between different faculties and students, and is responsible for resolving various issues, scheduling classes and managing course related work.

• **Core Member** - *EPOCH, Machine Learning Club of IIT Hyderabad (2019-20)* : Conducted various club sessions on various expertise levels along with guiding projects, and conducting various competitions.

• **Club Coordinator** - *Rang De Manch, Dramatics and Theatrical Club of IIT Hyderabad (2018-19)* : Conducted various workshops, sessions for students/faculties, representing college in various competitions of varied levels.

Extracurricular

• Represented IIT Hyderabad at *3rd Inter-IIT Cultural Meet* (held at IIT Roorkee) for monologue and Theatrical Play.

• Performed actively in *Open mics*, won **2nd position** for *Band Performance* and *Theatrical Play* in *Milan* Championship.

• Contributed in *National Service Scheme* activities, like *Clean India Drive*, *Vidyadaan*.