

EMPLOYMENT

GRM Intern	Remotely at IBM	January 2020 - present
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- Task is to do research and compete with the current state-of-the-art model in road segmentation and improve on it.

Deep Learning Intern	Remotely at VsualThree60	July 2019 - January 2020
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- Project 1 : Task was to design an efficient deep learning model (in Python) to recognize a person's nationality, age, gender and emotion and was also required to store the features of a person's face and recognize him/her in the future where ever spotted. Handled a lot of data in the database.
- Project 2 : Had to build a license plate recognizer and store them in a database with the most accurate results.
- Project 3 : Task was to retrieve the useful data from pdf image documents and omitting the useless data. Finally saving the useful data in text format in a csv file. Capable of retrieving from bulk documents.
- Project 4 : I had created a full fledged web application using Flask and python, which retrieves body measurements from 2 images of person. Also overlaid digitally generated clothes using templates.

PERSONAL PROJECTS

- Pruning a Large Neural Network** : Training a large neural network and then making it small by pruning it's weights/neurons. This helps in faster prediction, reduction in model size, without much loss of accuracy.
- Abhisarga AR Viewer** : An app to give users a taste of augmented reality through AR projections and AR games. Made for the Abhisarga Cultural fest in IIIT Sri City.
- Body Parts Classifier** : Detecting the human body parts, which has a wide range of applications in the medical field. Used Keras, Opencv, Data augmentation and Callbacks.
- Emojination** : Detecting the emotions in the human faces. It also overlays the respective emojis on the image. It is made like a game that asks users to reflect a particular emotion, detects it and prints the final score. Using Keras, Opencv, Face Haarcascades and Numpy.
- Twitter Sentiment Analysis** : Analysing the tweets to predict whether the tweet is positive or negative using Naive Bayes classifier from scikit learn.

EDUCATION

Sri City, India	Indian Institute of Information Technology Sri City	August 2018 - present
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- B.Tech. in Computer Science and Engineering. CGPA: 9.7/10
- Main coursework: Programming in C , Overview of Computers , Discrete Mathematics, Signals and Systems, Linear Algebra, Data Structures and Algorithms, Database And Management Systems, Object Oriented Programming, Computer Organization and Systems, Advanced Data Structures and Algorithms.

CERTIFICATES AND RESPONSIBILITIES

- Core committee member and Events Team member of IOTA(Projects Club) in IIIT Sri City.
- One of the speakers in the Hacktoberfest 2k19 conducted in IIIT Sri City.
- Online Courses completed :
 - Deep Learning and NLP A-Z: How to create a ChatBot
 - IBM Certified Databases and SQL for Data Science
 - Introduction To Tensorflow For Artificial Intelligence, Machine Learning, Deep Learning
 - Machine Learning Hands-on in python
 - Certified Ethical Hacking
 - Machine Learning by Andrew Ng

LANGUAGES KNOWN

- English, Hindi, Telugu