

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.

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.

PERSONAL PROJECTS

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- **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.

CERTIFICATIONS AND RESPONSIBILITIES

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- 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 :
 - o Deep Learning and NLP A-Z: How to create a ChatBot
 - o IBM Certified Databases and SQL for Data Science
 - o Introduction To Tensorflow For Artificial Intelligence, Machine Learning, Deep Learning
 - o Machine Learning Hands-on in python
 - o Certified Ethical Hacking
 - o Machine Learning by Andrew Ng

LANGUAGES KNOWN

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- English, Hindi, Telugu