

## EMPLOYMENT

| Deep Learning Intern                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Remotely at Vsualthree60 | July 2019 - Present       |
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| <ul style="list-style-type: none"><li>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 wherever spotted. Handled a lot of data in the database.</li><li>Project 2 : Had to build a license plate recognizer and store them in a database with the most accurate results.</li><li>Project 3 : Task was to retrieve the useful data from pdf image documents and omit the useless data. Finally saving the useful data in text format in a csv file. Capable of retrieving from bulk documents.</li><li>Project 4 : I had created a full fledged web application using Flask and python, which retrieves body measurements from 2 images of a person. Also overlaid digitally generated clothes using templates.</li><li>Project 5 : Built an AI driven web app chatbot to help automate customer service and appointments.</li></ul> |                          |                           |
| GRM Research Intern                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Remotely at IBM          | January 2020 - April 2020 |
| <ul style="list-style-type: none"><li>Task was to do research and compete with the current state-of-the-art model in road segmentation and pothole detection. Finally, Published a research paper in the international conference ICPR 2020, Italy.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                           |

## 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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| <ul style="list-style-type: none"><li>B.Tech. in Computer Science and Engineering. CGPA: 9.7/10</li><li>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, Applied Software Engineering, Artificial Intelligence, Theory of Computation, Computer &amp; Communication Networks.</li></ul> |                                                     |                       |

## 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