VIJAY KUMAR BODA

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EDUCATION

B.Tech in Computer Science ,	
IIIT Sri City , CGPA: 6.39	2015-2019
Pre-University Education ,	
Narayana Junior College,Hyderabad 94.2%	2013-2015
X Standard ,	
Baby Moon High School,Khammam CGPA: 9.8	2013

WORK EXPERIENCE

Edufeat, Summer Internship   May 2018 - Oct 2018

Developed a basic search engine used for retrieving web-pages based on ranking previously calculated using Page-ranking algorithm. Summarization is done in order to provide tag-lines for the assembled pages.
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SKILLS

Programming Skills :   Python, C/C++, Java, SQL.

Software Tools :   Jupyter, Tensorflow, Keras, Numpy, Pandas, Matlab, Latex.

PROJECTS

Battle Of Neighbourhoods   IBM Data Science
Mar 2019 - May 2019

Recommending place to open a new Burger joint in a locality such that the place will have enough customers and also that there arent a large number of burger joints in the place. Using Foursquare API, nearby venues like Burger joints, Schools, Universities, and Offices are extracted. With the help of the data, we will recommend the best place to locate a Burger Joint.

Image Captioning   Coursera
(Feb 2019- Mar 2019)

Defined and trained an image-to-caption model, that can produce descriptions for real world images.Model has a CNN encoder and a RNN decoder.

Farm Helper Web Application   IIIT Sri City
(Aug 2017- Nov 2017)

Django based web-application with visualizations in order to help illiterate farmers to track their farm conditions, property values in Real-time. Includes virtual maps with 3D visualizations.

Exploring Hacker News Data   Dataquest.io
(Jan 2019- Feb 2019)

This is a Data Analysis project based on Hacker-News Blog dataset downloaded from kaggle.com. Exploring the data in order to find patterns such as the Average number of people commenting on a topic over an hour, type of discussions and organizing them into data formats. On analyzing 300k rows of data has been scrapped into a meagre 20k rows of useful sorted information

Autonomous Navigating Robot IIIT Sri City
(Jan 2018- Dec 2018)
A Robotic arm mounted on a wheeled platform embedded with ultra-sonic sensors, automatically moves towards the desired object avoiding obstacles in its way. The project is experimented on pre-trained objects(taken from Coco dataset) for retrieving while using Raspberry pi camera for live feed. Used mobile-net for processing image inputs.

RELEVANT COURSES

Deep Learning

Artificial Intelligence

Data Mining

Topics of Machine Learning

Digital Image Processing

CERTIFICATIONS

· Applied Data Science Capstone by IBM on Coursera
· Introduction to Deep Learning by National Research University Higher School of Economics on Coursera.
· Python For Data Science by Dataquest on Dataquest.io
· Virtual Assistant in Python on Udemy