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

Deep Obstacle Avoidance   IIIT Sri City
Mar 2019- Present
Built a Real-time working-model capable of rapidly learning to avoid obstacles in previously unseen environments. It is done by exploiting deep-learning's generalized features obtained from live camera feeds .

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.

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.

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.

RELEVANT COURSES

Deep Learning

Artificial Intelligence

Data Mining

Topics of Machine Learning

Digital Image Processing

CERTIFICATIONS

· 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
· Applied Data Science Capestone by IBM