

# VIJAY KUMAR BODA

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## EDUCATION

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

## WORK EXPERIENCE

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<b>Edufeat, Summer Internship</b>	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.	

## SKILLS

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

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

## PROJECTS

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<b>Deep Obstacle Avoidance</b> <i>Mar 2019- Present</i>	IIIT Sri City
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 .	
<b>Image Captioning</b> <i>(Feb 2019- Mar 2019)</i>	Coursera
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.	
<b>Exploring Hacker News Data</b> <i>(Jan 2019- Feb 2019)</i>	Dataquest.io
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	
<b>Autonomous Navigating Robot</b> <i>(Jan 2018- Dec 2018)</i>	IIIT Sri City
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.	
<b>Farm Helper Web Application</b> <i>(Aug 2017- Nov 2017)</i>	IIIT Sri City
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.	

## Profitable Mobile App Recommendation

Dataquest.io

*(Jan 2019- Feb 2019)*

A data analysis project which recommends user-specific app preferences for customers based on their previous activity. Our goal for this project is to analyze data to help the Mobile app developers understand what kinds of apps are likely to attract more users.

## RELEVANT COURSES

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Data Structures and Algorithms

Deep Learning

Artificial Intelligence

Data Mining

Topics of Machine Learning

Digital Image Processing

## CERTIFICATIONS

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