Yogeshwar Murugan

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EDUCATION

Sri Venkateswara College of Engineering, Chennai, Tamil Nadu, India 2015 - 2019

* Bachelor of Engineering (B.E), Computer Science Engineering CGPA: 7.3/10

St. Patrick’s Anglo Indian Higher Secondary School, Chennai, Tamil Nadu, India 2013 - 2015

* XII (Senior Secondary), Science Percentage: 92.00%

SKILLS

Languages: R, Python, Java, JavaScript, SQL, C, C++, HTML.

Big Data: Hadoop-2.X, Hive, Scala-Spark, Maven, Spark Build Tool (SBT).

Machine Learning: Deep Learning, Regression, Classification, Clustering, Neural Nets, NLP, Image Processing.

Data Analysis: Data Wrangling, Exploratory Data Analysis, Practical Statistics, Hypothesis testing, Data Visualization.

INTERNSHIPS

1. Deep Learning Intern, Nokia Solutions and Networks, Chennai, Tamil Nadu Dec 2017 – May 2018
2. Research Intern, Council of Scientific and Industrial Research, Chennai, Tamil Nadu May 2018 – Present

PROJECTS

**Object-Detection using Neural Nets**: Nov 2017 - Present

* A Computer-Vision project dealing with real-time object detection from video cam feeds and performing statistical data analysis with the data gathered from detection. Tools used: OpenCV, Tensorflow, Microsoft Azure.

**Environment Recognition and Alarming System**: Dec 2017 – Feb 2018

* Computer-Vision, Image processing application used for Emergency door monitoring and Parking space monitoring for Nokia Solutions and Networks, Oragadam. Tools used: OpenCV, Tensorflow, Android Studio.

**Voicebot for Vehicle Loans**: Sep 2017 – Dec 2017

* A bot for selling vehicle loans. Project for Information Technology Management and Research-HTC, Guindy.
* Tools used: RasaNLU, Botkit, AngularJS.

**Real-time Sentiment Analysis and Visualization of tweets using Spark Streaming:** Oct 2017 - Dec 2017

* A Sentiment Analysis tool which picks up data from Twitter. Sentiment for each tweet was calculated and the statistics were visualized real-time on a dashboard.
* Tools used: Apache Spark, Maven, Twitter API, StanfordcoreNLP, ElasticSearch, Kibana.

**Exploratory Data Analysis on a Bikeshare Company Data:** Oct 2017 - Nov 2017

* A US BikeShare company's dataset was wrangled using Pure Python and was also used to explore the dataset containing three major bikeshare systems in the United States. EDA was done and visualized. Tools used: Pure Python, Matplotlib.

**Analyzing A/B Test Results:** Dec 2017 - Present

* Goal was to understand the results of an A/B test run by an e-commerce website and decide whether the experiment was a success.

CERTIFICATIONS

**Data Analyst Nanodegree**, Udacity Sep 2017 - Present

**Machine Learning**, Coursera Dec 2017 - Present

ACCOLADES

* 2nd Place among 52 contesting teams in an Inter-College Symposium for the project on "**Data Mining and Analysis using Hadoop and Apache Hive**".
* Organized and conducted various events and workshops for “**INTERRUPT 2K17**” **at Sri Venkateswara College of Engineering.**
* **“Certification of Excellence**” for the project “**Voicebot for Vehicle Loans”** by **ITMR-HTC, Guindy.**