Yogeshwar Murugan <www.github.com/yoga07>

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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: 7.5/10

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 – Mar 2018

* 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.

**Voice bot 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.

**Fractal Analysis of Heart Rate Variability: (Research)** Oct 2017 – Nov 2017

* A healthy heart is said to be found fractal in nature. Pure Python was used to explore the dataset containing the ECG signals and Multi-fractal analysis methods were employed to prove the theory. Tools used: Pure Python, Matlab.

**Analyzing A/B Test Results:** Dec 2017 – Jan 2018

* 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. Tools used: Python.

CERTIFICATIONS

**Data Analyst Nanodegree**, Udacity Sep 2017 – May 2018

**Machine Learning**, Coursera Feb 2018 – 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 “**Voice bot for Vehicle Loans”** by **ITMR-HTC, Guindy.**