Likhitha S

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Github | LinkedIn

Education

International Institute of Information Technology, Bangalore. *July 2019*

Degree	Integrated Master of Technology
Major	Data Science
CGPA	3.31/4

FIITJEE Saifabad *July 2014*

Grade completion	12th grade
Percentage	96.1

Silver Oaks International School *June 2012*

Grade completion	10th Grade
CGPA	10/10

Languages & Skills

AngularJS, Django, Java, Keras, Matlab, Python, Pytorch, R , Tensorflow

Reserach Projects

Indoor Mapping and Guiding *Jan - July 2019*

Guide: Prof. G S Raghavan

- Using indoor house images captured by a Matterport camera, deveoping a semantic map and with the help of this map, communicating natural language instructions to the user
- Pytorch

Vision and Language Navigation *Dec 2018*

Guide: Prof. G S Raghavan

- Given an agent in a Matterport simulator , developing a model that takes in natural language textual instructions and predicts actions which navigate the agent to reach a destination
- Pytorch

Work Experience

Jr. Data Scientist 2 *Aug 2019 - Ongoing*

Aganitha Cognitive Solutions

Multi-object style Transfer *May - July 2018*

Summer intern in Accenture labs *Guide: Nitish Bharadwaj*

Worked with segmentation and image processing techniques to enhance style transfer

Forecasting Tool *May - July 2017*

IBM Global Mentoring Program *Guide: Kamal Mishra*

Worked with Time series data and developed a tool using R and Shiny to analyze the data and recommend a forecasting algorithm based on data analysis.

Course Projects

Visual Query Answering *Apr 2018*
Course: Advanced Machine Pereception *Guide: Prof. Dinesh Babu*

- Given an image and a question, developed a system that answers the question according to the image
- Python, Tensorflow

Distributed stochastic gradient descent *Jan - Apr 2018*
Course: Distributed Computing *Guide: Prof. Shrisha Rao*

- Explored algorithms for parallel stochastic gradient descent and compare results by running neural networks on multiple datasets
- Apache Spark, Python, PySpark

Brain tumor Segmentation and Classification *December 2017*
Course: Machine Learning *Guide: Prof. G S Raghavan*

- Identified tumor region in a brain image by segmenting using watershed algorithm and then classifying as benign or malignant
- Python, OpenCv

Achievements & Leadership

JANUARY 2019	TA for Machine Learning course in TCS
JANUARY 2018	Selected for Amazon mentorship programme
2016 - 2017	I worked as Student Activity Coordinator(SAC).
FEBRAURY 2017	2nd runner up in IIITB-Hackmania series, Powered by NASSCOM. Helping Hands-Web app
MARCH 2016	Won Basketball competition in Spandan(college sports fest).
2015- CURRENT	I am one of the coordinators of AIKYAM, a social club in our college.