Likhitha Surapaneni

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EDUCATION

International Institute of Information Technology, Bangalore *July 2019*

Degree	Integrated Masters in Information Technology
Major	Data Science
CGPA	3.31/4

FIITJEE Saifabad *July 2014*

Grade completion	12th grade
Percentage	96.1

TECHNICAL SKILLS

AngularJS, Cypher, Django, Java, Keras, Matlab, Neo4j, Python, Pytorch, R

WORK EXPERIENCE

Visualising Phenotype Genotype Associations *Aug 2019 - Ongoing*
Aganitha Cognitive Solutions
Extracting and transforming the phenotype and genotype data provided by UKBioBank in order to do selective visualizations

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.

PROJECTS

Indoor Mapping and Guiding *Jan - July 2019*
Course: Master's Thesis *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

Vision and Language Navigation *Dec 2018*
Course: Project Elective *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

Improving Clinical Decision Making through Visual Question 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

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

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

ACHIEVEMENTS & LEADERSHIP

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