

Dig Vijay Kumar Yarlagadda

5409 Harrison Street, Kansas City, MO 64110

(816) 456-7509 ◊ dy5kc@mail.umkc.edu

Education

University of Missouri - Kansas City

December 2017 (Expected)

Master of Science in Computer Science, Thesis track, (Emphasis: Data Science)

GPA: 4.0

Sree Vidyanikethan Engineering College

May 2015

Bachelor of Technology

Technical Skills

Programming Languages

Java, Python, Scala, R

Big Data Technologies

Apache Spark, Cloudera Hadoop, Kafka, Storm, Hive, HBase

Deep learning frameworks

Tensorflow, CNTK, CUDA GPU toolkit

Web Technologies

Ionic framework, JavaScript, PHP, HTML, CSS

Databases

MongoDB, MySQL

Tools

Splunk, Git, MS Office, LaTeX

Projects

Reach Me - Twitter-based accident analysis

(Apache Spark, Data Mining)

Reach Me is a system designed using Apache Spark to provide analysis of accidents based on Twitter data. This system has been integrated with MongoDB so that millions of tweets per day could be processed and analyzed using Spark/HDFS in the form of ad-hoc queries.

Redefine - Automatic summarization system

(NLP, Spark MLlib, OpenIE, IBM Watson)

Redefine uses relation extraction and natural language processing techniques to generate summary of a research paper in interactive graphical manner.

Blogline - Online blogging platform

(PHP, MongoDB, MySQL, Database design)

Designed a secure and scalable web based application for online blogging using both MongoDB and MySQL.

Mitosis detection in Whole Slide Images

(Apache Spark, Tensorflow, Deep Learning)

A system designed for MICCAI challenge of detecting mitoses in Whole Slide Images, useful in diagnosis of cancer.

Doczilla - Document analysis system

(JQuery, REST API, Machine learning)

Developed a online storage system which can detect different entities in documents and group documents based on those entities.

Experience

Project Assistant

June 2016 - present

Information Services, University of Missouri - Kansas City

Certifications

Splunk Certified Power User, Splunk

R Programming, Microsoft

Leadership Activities

Core member, Association For Communication Majors and Enthusiasts, Sree Vidyanikethan Engineering College

Regional coordinator, Make Them Smile Foundation, Chittoor

Honors & Awards

First prize, UMKC Spring 2016 hackathon, Kansas City

Gold medalist in Secondary School and Higher Secondary School

Best poster award for Wi-Fi Vision Technology, SIGMOID 2K14, India