Sambasiva Rao Gangineni

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EDUCATION

BOSTON UNIVERSITY
MSc in Computer Info Systems
Exp Dec 2019
GPA: 3.93 / 4.0

Coursework
Big Data Analytics
Artificial Intelligence
DataMining & Business Intelligence
Database Design & Implementation
Data Structures & Algorithms

R.V.R & J.C C.E
B.Tech in Civil Engineering
Grad. May 2017
GPA: 9.23 / 10.0

Coursework
Programming with C + Practicum
Database Management System
Geo Information Systems
Computer Programming in CEngg
(Teaching Asst)

SKILLS

PROGRAMMING
Python • Java • C • R • SQL • bash
HTML • CSS • Javascript • Matlab

DATABASES
My SQL • Elasticsearch • MongoDB

CLUSTER & ML FRAMEWORKS
Spark • TensorFlow • Hadoop

SOFTWARE & TOOLS
Docker • AWS • Git • SAS • Logstash
Kibana • Flask

LINKS

Github	samba693
DevPost	samba693
StackOverflow	users/8721887/

SPORTS

2016	College, Chess	1st place
2016	University, Chess	1st place
2015	College, Chess	3rd place

VOLUNTEER

| 2016 | RVRJC, Sports | Organizer |
| 2016 | RVRJC, Fest | Organizer |

EXPERIENCE

HEALTH INFORMATICS LAB | Graduate Research Assistant
May 2018 – Present | Boston University | Boston, MA
Analyzing the MarketScan commercial database of 3TB in size, stored in SAS format. Effectively utilizing low memory resources for huge data files. Optimizing existing code & writing new code in python for data conversion, filtering , insights & visualization using sas7bdat, pandas, matplotlib, plotly & numpy.

RESEARCH PROJECTS

COMPUTER VISION LAB | Researcher
Dec 2018 – Present | Boston University | Boston, MA
Working with point-clouds collected by LiDAR in urban environment, to detect the objects in a 3D scene. Challenges are object segmentation and classification in real-time and no labels tagged to objects in training data in multi-object scene.

6TH ICBD IN ECONOMICS, SCIENCE & TECHNOLOGY
July 2018
A Study of Hospitalized Diabetes Patients with Health Insurance in USA was presented. Research questions asked are effects of work place on types of diseases and common comorbidities present in hospitalized diabetes patients.

PROJECTS & AWARDS

RESQU - Disaster Management
Link: https://github.com/samba693/ResQU | BigRed Hacks, 1st place
An application built for SOS service, NGO's & EMA's search, Analysis & Visualization of Flood Risk in the various state of US for various disasters.

VICTORY - Google Cloud Fire Store
Link: https://github.com/samba693/Victory | Boston Hacks, 1st place
Created a website where people can post the jobs for veterans, organise meetups and Donate for the community.

IMOUND - Tensorflow Label dectection, Image Enhancement
Link: https://github.com/samba693/Imound | Att Hacks, 3rd place
TensorFlow model which is trained on ImageNet dataset is used to detect the objects in the image and sound is integrated with the image.

NEWS SNIPPETS - TopicModelling, TextRank, LDA
Link: https://github.com/samba693/News-Snippets
Topic modelling is done on the news data set using Latent Dirichlet Allocation. Extractive text summarization technique, TextRank, is used for text summary.

BASEBALL MANIA - Sentiment Analysis & Prediction
Link: https://github.com/samba693/BaseBallHackDay2019
Tweets involving the teams before the baseball match day are collected and sentiment is calculated. Using the sentiments, match result is predicted.

EMPLOYMENT STATUS PREDICTION - Classification
Predicted the employment status of a person based on many social factors using 20 classifier models using WEKA.

ETL - Python, SQlite
Extracted the data from the CSV files, transformed the data according to the Sqlite3 database and loaded the data in to database