

Sambasiva Rao Gangineni

[samba693.github.io](https://github.com/samba693) | 857.425.9396 | sambasivarao693@gmail.com

EDUCATION

BOSTON UNIVERSITY

MSC IN COMPUTER INFO SYSTEMS
Exp Dec 2019 | Boston, MA
Cum. GPA: 3.93 / 4.0

COURSEWORK

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

R.V.R & J.C.C.E

B.TECH IN CIVIL ENGINEERING
Grad. May 2017 | Guntur, India
Cum. GPA: 9.23 / 10.0

COURSEWORK

Programming with C + Practicum
Database Management System
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

SOFTWARE & TOOLS

Docker • AWS • Git • WEKA • SAS
Logstash • Kibana • Flask

AWARDS

2018	3 rd place, Entmt	Imound
2018	1 st place, Algolia	Victory
2018	1 st place, IBM	ResQU
2016	1 st place, Univ	Chess

VOLUNTEER

2016	RVRJC, Sports	Organizer
2016	RVRJC, Fest	Organizer

LINKS

Github	samba693
DevPost	samba693
LinkedIn	in/samba693
StackOverflow	users/8721887/

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 and writing new code in python for data conversion, filtering, insights and visualization using sas7bdat, pandas, matplotlib, plotly and numpy.

RESEARCH

DEBS 2019 GRAND CHALLENGE | 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 ICB IN ECONOMICS, SCIENCE & TECHNOLOGY

July 2018

- Abstract of 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

IMOUND | - TENSORFLOW LABEL DETECTION, IMAGE ENHANCEMENT

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

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

Tweets involving the teams before the baseball match day are collected and sentiment is calculated. Using the sentiments, match result is predicted.

VICTORY | - GOOGLE CLOUD FIRE STORE

Created a website where people can post the jobs for veterans, organise meetups and Donate for the community.

RESQU | - DISASTER MANAGEMENT

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.

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