

## ► SUMMARY

An innovative thinker and initiative taker with exceptional logical and analytical skills possesses 1+ experience as a computer science engineer.

Seeking an challenging position to work in field of Machine Learning, Natural Language Processing and Artificial Intelligence. Also has the affinity with certain areas which include software development, computer vision, database management, etc.

## ► EXPERIENCE

### Surukam Analytics Private Limited

Chennai, Tamil Nadu

Intern

April 2018 - June 2018

Worked on Legal Document Information Extraction Pipeline (a project based on Machine Learning, Natural Language Processing and Computer Vision)

## ► EDUCATION

### Vellore Institute of Technology, Chennai

B.Tech SCSE 2019

Current CGPA = 8.92

### Rainbow School

10 CBSE 2013

12 CBSE 2015

## ► PROJECTS

### Analysis of Image Segmentation Methods

Dec. 2017 - April 2018

Analysis on how different segmentation techniques can be applied for the detection of nuclei in cytological images. Several segmentation techniques were studied to make this process for efficient and effective.

### Quora Question Pairing

Aug. 2017 - Nov. 2017

Applied machine learning techniques to classify whether question pairs are duplicates or not. This will make it easier to find high quality answers to questions resulting in an improved experience for Quora writers, seekers, and readers.

### MediClo

Aug. 2017 - Nov. 2017

An Autonomous Cloud Integrated robot which will provide medical assistance to patients.

### Intelligent music recommendation system (VIBES)

April 2018 - Current

An IoT project which involves working of a music system on raspberry pi controlled with hybrid applications over common android and windows devices.

This music system recommends music to the user through self generating playlist created by using machine learning algorithms.

### Web Flow Aggregator (Trails)

April 2018 - Current

Trails is a web application that lets user visualize their web surfing sessions as dynamic maps. These maps can be viewed, searched and shared using Trails.

### Hostel Complaint Box

July 2016 - Dec. 2016

A website to collect the feedback and complaints of hostel services from the residents and helps the warden to manage these requests.

## ► SKILLS

### PROGRAMMING SKILLS

C language

C++

Python

### OTHER SKILLS

Machine Learning

Natural Language Processing

Deep Learning

Artificial Intelligence

Image Processing

CBIR

Data Visualization

## ► AWARDS

Research Paper on "Detection and Classification of DDoS Attacks using Machine Learning Models with Real Time Generated Dataset"

International Journal of Intelligent Engineering and Systems (Under Review with Paper Id 'ijies1303')

Used the open source cloud and generated a DDOS attack dataset. This was used to predict the possibility of a DDOS attack based on the instances of various SNMP parameters using various machine learning technique like bagging, boosting and ensemble models.

Coursera · Neural Networks and Deep Learning (Online Course)

June 2018

Neural Networks and Deep Learning by deeplearning.ai on Coursera with consolidated score of 100%

Indian Institute of Technology, Madras · NPTEL Online Certificate (Gold + Elite) March 2018

NPTEL Online Course on Programming, Data Structures and Algorithms with consolidated score of 90%

## ► ACTIVITIES

National Service Scheme Camp · Member of NSS Club

April 2017 – May 2017

A 7 day camp organised by NSS club, VIT chennai in a government school in Thiropurur where some community service activities were organised such as temple cleaning, awareness harmful plastic usage, medical camp, blood donation camp.