

CHANDAN M

Data Analysis and ML Aspirant

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OBJECTIVE

Looking for a challenging role in a reputable organization to utilize my technical, database, and management skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in IT sector.

EDUCATION

KSIT, Bangalore— Bachelor of Engineering

June 2015 - July 2019

Graduated with 7.04 GCPA

Narayana PU College, Bangalore— P.U

Jun 2013 - May 2015

Graduated with 60.02 %

J.H.S, Bangalore— S.S.L.C

July 2012 - Apr 2013

Graduated with 74.72 %

EXPERIENCE

City Surveillance Services Pvt Ltd, Bangalore— Intern

July 2018 - Aug 2018

Domain: Computer Vision

Role: Team leader

Actively involved in the company's core project and I was made as a team lead to a group of four interns and was able to complete the given task in time. My objective was to manage team members and provide a detailed progress report to the management on that day and to detect whether a person is wearing a helmet or not in the realtime and act accordingly as given in the use-case using TensorFlow, OpenCV and data structures.

Responsibilities:

- Manage the flow of day-to-day operations
- Create reports to update the company on the team's progress
- Set clear team goals and deadlines
- Assign task's to team members based on their capabilities
- Find a solution on geo-fencing for a specific use case
- To build a Tensorflow Model to detect Helmet
- Create a Flask Restful API to accept the request and respond
- Build an application to store visitor data using the web app

SKILLS

Programing Language

- Python,C/C++,Java
- HTML,CSS
- Github

Statistics

- Descriptive Statistics
- Inferential Statistics
- ANOVA
- Hypothesis Testing
- Feature Engineering

Machine Learning

- Regression
- Classification
- CART/Random Forest
- SVM and Clustering
- PCA and Time Series
- KNN and Bayes Algo
- XGBoost

Deep Learning

- Dense neural network
- Convolutional NN
- Recurrent NN

Computer Vision

- Thresholding, Image Segmentation, Face and object detection
- Real-time motion detection

DevOps

- Docker

Database

- MySQL
- MongoDB

PROJECTS

Voice-Based Virtual Assistant For Tracking COVID-19

Feb 2020 - PRESENT

Voice-based virtual assistants help in tracking COVID-19 status across the world and predict corona +ve or -ve given the X-ray and do a lot of other activities like caution if his owner is not wearing a mask. The voice-Based assistant works on several other use-cases.

Responsibilities:

- Build Tensorflow models to predict Covid-19 and mask detection
- Handling Google speech recognition and Covid-19 status API's
- Worked on Docker, GitHub, OpenCV, Tensorflow

Walmart Recruiting - Store Sales Forecasting(Kaggle)

Nov 2019 - Jan 2020

The problem faced was to predict department-wise sales for each store and modelling the effect of markdown on the holidays. The result was achieved in the process of feature extraction, data visualization, cross-validation and performance analysis.

Responsibilities:

- Exploratory Data Analysis
- Data Visualization
- Model building using different Algo and Performance Analysis

Movie Recommendation System

Aug 2019 - Oct 2019

A system which recommends movies using collaborative filtering and predicts which movie to recommend from a given .csv file and used as an API to recommend movies. Docker file was used to simplifying configuration and for application isolation for easy installation and smooth workflow.

Responsibilities:

- Exploratory Data Analysis
- Model building using different AlgorithmPerformance Analysis
- Docker container for application isolation

CERTIFICATION

Data Science Certification, Bangalore(Offline) - by Learnbay

July 2019 - PRESENT

AI and Deep Learning Certification(Online) - by Guvi

Feb 2020 - May 2020

Packages and Libraries

- Tensorflow, Keras
- Pandas, Numpy
- scipy
- sklearn
- Seaborn, Matplotlib
- OpenCV
- Tableau

Operating System

- Windows 10/8/8.1/7
- Ubuntu 18.04
- Unix, Mac

SOFT SKILLS

- Communication
- Leadership
- Teamwork
- Adaptability
- Problem Solving

LANGUAGES

- English
- Kannada
- Telugu
- Tamil
- Hindi

GITHUB

github.com/chandannaidu

