Shravan Chandra

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SKILLS

LANGUAGES

Python	PostgreSQL	HTML
C	MySQL	CSS
C++	R	JavaScript
Java	MATLAB	LaTeX

MACHINE LEARNING LIBRARIES

PyTorch	NLTK	XGBoost
TensorFlow	OpenCV	Matplotlib
Keras	Scikit-Learn	SciPy

MISCELLANEOUS TOOLS

Jupyter	AWS	Collab
Excel	Git	Linux

SOFT SKILLS

Analytical Thinking	Team Work
Problem Solving	Leadership
Communication	Adaptability

LINKS

Github:// **shrvnchndra**
LinkedIn:// **shrvanchndr**

EDUCATION

PES UNIVERSITY

B.Tech in EEE
May 2021 | Bangalore, India
CNR Rao Scholarship Awardee
Minored in Computer Science
Minor GPA: 9.0 / 10.0
Major GPA: 8.6 / 10.0

NARAYANA PU COLLEGE

Pre Grad. May 2017 | Bangalore, India
Percentage: 96%

MAHARSHI PUBLIC SCHOOL

CBSE. April 2015 | Mysore, India
GPA: 9.0

COURSEWORK

Machine Learning & Deep Learning
Probability & Statistics
Reinforcement Learning
Data Structures & Algorithms
Web Development
DataBase Management System

MISC ACTIVITIES

Organizer of Epsilon-2018
Amateur Guitarist & Singer
Volunteered for Blood Donation Camps

ABOUT ME

- Hard-working, self-taught programmer with a flair for creating elegant solutions in the least amount of time, and experience to design and develop programs using the latest and most appropriate technology.
- Managed an assigned team to analyze, develop, and deploy machine learning models. We implemented various Machine Learning methods to solve problems such as Stock Price Prediction, and Movie Recommendation System.

EXPERIENCE

CDSAML | Research Intern

Oct 2019 – July 2020 | PES University, Bangalore

- Worked on improving Twitter Sentiment Analysis performance by using NLTK's Parts of Speech and saw a 5% improvement in accuracy.
- Built an Object Recognition model for Low-Light Conditions as part of the Intel Competition and was placed in Top 3.

RESEARCH & PROJECTS

ANALYSIS OF CUSTOMER SATISFACTION WITH BANKS | Project

Oct 2019 – Dec 2019 | PES University, Bangalore | Project Link

- Identified, Analyzed and extracted significant data into actionable insights by predicting and modelling future outcomes.
- Also worked on improving Sentiments Analysis using Parts of Speech tagging which reduced computational time and improved efficiency.
- Tools Used: •NLTK •Keras •Python •Jupyter Notebook

OBJECT RECOGNITION IN NIGHT-LIGHT CONDITIONS | Research

Feb 2020 – July 2020 | PES University, Bangalore | Project Link

- Developed an end to end object detection model using Zero-DCE and YOLOv3.
- Implemented an image brightness checker to avoid image distortion by gratuitous enhancement.
- Tools Used: •OpenCV •PyTorch •Python

DATA ANALYSIS OF VARIOUS DATASETS | Project

Sept 2020 – Present | Project Link

- Successfully interpreted data of various datasets to extract relevant data.
- Represented the extracted data in an eloquent, yet alluringly manner.
- Tools Used: •Python •Pandas •Matplotlib •Pylab •R

SIGN LANGUAGE TRANSLATOR | Research

Sept 2020 – Present | PES University, Bangalore

- Developing a real-time translator, which can identify the hand signs and interpret it to any desired language.
- Implementing CNN to identify the patterns and gestures, and later RNN to construct meaningful sentences.
- Tools Used: •OpenCV •TensorFlow •NLTK •Python

RELAXATION WEB APPLICATION | Project

July 2020 | Project Link

- Built a web application with timer and music control.
- The application lets the user choose between different environments, which also changes the image and music to match with.
- Tools Used: •HTML •CSS •JavaScript