Shravan Chandra

shrvnchndra.github.io | Bangalore
shrvanchndr@gmail.com | 98868 24246

SKILLS

LANGUAGES

• Python • C/C++ • HTML/CSS
• JavaScript • MATLAB • R
• PostgreSQL • LaTeX

ML LIBRARIES

• PyTorch • TensorFlow • Keras
• NLTK • OpenCV • Scikit-Learn
• XGBoost • Numpy • Pandas

MISC. TOOLS

• Jupyter Notebooks • AWS • Git
• Collab • Linux • Microsoft Office

SOFT SKILLS

• Communication • Problem Solving
• Analytical Thinking • Team Work

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: 8.5 / 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
DBMS

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 methods like Linear Regression, XGBoost, and Neural Networks, to solve problems such as Stock Price Prediction, and Movie Recommendation System.
- Routinely engaged in discovering new methods and models as I expand my expertise and value within the domain of Machine Learning and Computer Science.

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

TWITTER SENTIMENT ANALYSIS | Research

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

- Worked on Analysis of Sentiments using Parts of Speech tagging which reduced computational time and improved efficiency.
- Implemented the bag of words from scratch.
- 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 | Research

Sept 2020 – Present | PES University, Bangalore | 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 • Python