Summary

Seeking challenging opportunities where I can fully use my skills for the success and growth of the organization.
Github:- https://github.com/Shreenidhi1999 (18 repository and 122 contribution)

Education

SDMCET

2017 - 2021

BE Electronics and Communication

Learnt Engineering in Electronics and Communication Stream with CGPA 7.58.

As a part of graduating course I have learnt VLSI,Digital Circuit Design, HDL.
I have also learnt about Machine Learning and Data Science in this period.
My interest lies in the area of Machine Learning and VLSI

Experience

Techocolabs (https://technocolabs.tech/)

May 2021 - June 2021

Data Science Intern

I was selected as Data Science Intern and was chosen as a Team lead of 5 members. The project was to make an app for Intraday Stock Prediction.
As a team lead I allocated the work to my team mates and reported the work to the manager.
In this period I learnt about HTML,CSS and the steps to follow in order to deploy an app on cloud platform such as Heroku
Github:-https://github.com/Shreenidhi1999/Intraday-Stock-Trading-Predictions-DS
Webapp:-https://intraday-stock.herokuapp.com/

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Skills

1]Data Science:- I have done projects on Data Science and Machine Learning.

2]Python:- All the Machine Learning projects have been done using Python.

3] Cadence Software:- Schematics and design layout for VLSI design

4] Leadership and Team player:- I have lead 5 interns at Technocolabs in developing Intra day Stock prediction app. As a team lead, I reported to manager, bi-weekly sprint planning process and daily standups

Projects

Admission prediction

I have used Machine Learning in order to predict the chance of admission into a University based on GRE Score, TOEFL Score, University Rating, CGPA. The algorithm used is linear regression and XGBoost . I deployed this model on Heroku platform using Streamlit library of python to make a web app
Github:- https://github.com/Shreenidhi1999/admitpredict
App:- https://admit-predict.herokuapp.com/

Performance analysis of Combinational and Sequential Multipliers

This is college mini project with group of 4 members.
The software used:- Cadence
Aim:- Comparing the two multipliers and analyzing which of the above two multipliers are better in accordance with area,power consumption and efficiency.
At the end of the project we found out that Sequential Multiplier performed better in all aspects.

Fingerprint And Face Recognition Based Voting Machine

Major project of my graduating course. Some people claim vote rigging in existing EVM's. We designed and developed the prototype of a smart EVM which uses Fingerprint and Face Recognition to authenticate the individuals casting their vote. The smart EVM is cost effective and is 50% lesser than existing EVM's. (5000 INR, 10000 INR)

Hand Tracking

I have used Mediapipe and OpenCv python for tracking the hand movements. Mediapipe library helps to identify, detect and track 21 landmarks on the hand.
OpenCv library of python helps to access web cam or other cameras to detect our hand in realtime.

Languages

Proficient in Kannada, English and Hindi and have the ability to communicate clearly with different stakeholders in the organization.

Interest

1]Machine Learning :- As demonstrated by the projects I have worked on.

2]Traveling:- I have traveled with various groups and friends . Traveling has helped me to acquire the knowledge of people and their culture. Kodagu was the best place that I have traveled.

3] Reading books :- Reading books and papers related to Machine Learning is fun. The other books that I have read are novels written by Chetan Bhagat.

4] Football:- I am a passionate Real Madrid CF fan. I follow them very closely. Football motivates me not to give up untill the goal is reached.

Others

Technical Writings:-
https://shreenidhihipparagi.medium.com/
https://dockship.io/author/shreen-447