

Ronit Shetty

Student

An independent and self-motivated learner

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EDUCATION

B-tech in Computer Science

SRM Institute of Science and Technology

07/2020 - 06/2024

Current GPA - 8.93

Class XII

SIES College of Science, Commerce and Arts

07/2018 - 03/2020

PROJECTS

Shapley Clusters Data Visualization and Exploratory Data Analysis

- Simple Data Visualization and Exploratory Data Analysis of the Shapley Galaxy dataset using Python libraries such as numpy, pandas, matplotlib, seaborn and astropy.
- <https://github.com/ronitshetty16/Shapley-Clusters>

Github-repo-listing-page

- Fetching searched user details from Github API and listing user's repositories.
- <https://github.com/ronitshetty16/Github-repo-listing-page>

Heart Disease Prediction

- Using Logistic Regression, machine learning model is trained with the given dataset and the model predicts whether a person has a healthy heart or not.
- <https://github.com/ronitshetty16/Heart-Disease-Prediction->

Sales Prediction using Neural Network

- Neural Network is trained to predict the sales of a product.
- <https://github.com/ronitshetty16/Sales-Prediction>

Omni Wheel bot

- Designed and built a triangular configured three omni wheels robot which is able to move freely in all 2D directions using a play station controller programmed with Arduino.

CryptoWeb

- Display of all the essential information (value, description, etc) about the top cryptocurrencies. Data for the cryptocurrency were acquired through a cryptocurrency API.
- <https://github.com/ronitshetty16/CryptoWeb>

SRM Team Robocon Website

- This particular project was a 3 person group project in which we built a website for our technical club.
- <https://www.srmteamrobocon.com/>

WORK EXPERIENCE

Systems Programming Analysis Computational Engineering Division developer

SRM Team Robocon

11/2021 - 08/2022

SRM Team Robocon is a organization which holds a mission to engage in research work to develop advanced robotic systems.

Achievements/Tasks

- Member of the coding domain, with responsibility and tasks of programming robotic systems

TECHNICAL SKILLS

Python

Deep Learning

C++

C

HTML

CSS

JavaScript

Node.js

Arduino

React

ML Frameworks :- PyTorch, Tensorflow, Keras, ScikitLearn, Pandas, Numpy

ACHIEVEMENTS

DD Robocon National level

Qualified for the national stage of DD Robocon 2022.

Python Bootcamp

Received certification for completing Python Bootcamp which trained me to create applications with python and also working with different Python Libraries.

Hackerrank Python

Received hackerrank certification for python on completing the test based on concepts of python such as Object Oriented Programming , Functions.

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Astronomy

Artificial Intelligence

Sports

Reading

Research

Philosophy