

Maanasa Prathap Chander

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https://github.com/maanasapraphap

EDUCATION

Madras Institute of Technology, Anna University

BE, Computer Science and Engineering

Present CGPA: 7.91/10

GEMS, Our Own English High School, Dubai – UAE

(Affiliated to Central Board of Secondary Education)

Higher Secondary

Percentage: 91%, Score: 455/500

SSLC

Percentage: 91.4%, Score: 457/500

PROJECTS

Stock Price Prediction

(09/2023– 11/2023)

Developed a stock price prediction project that involves estimating future stock prices based on historical data using Jupyter Notebook via Anaconda environment. It applies data science techniques to deploy predictive models and demonstrates the practical application in solving real-world problems in domains like Financial Technology and Algorithmic Trading.

Language used: Python

Tools used: Jupyter Notebook

Surveillance Car using ESP32 Camera Module

(09/2023– 12/2023)

Surveillance Car using the ESP32 Cam module is a project that involves building a remote-controlled car equipped with a camera for surveillance purposes. The project allows users to remotely control the car over Wi-Fi, view live video footage, and potentially implement additional features for surveillance and exploration.

Languages: C++, HTML, CSS, JavaScript

Tools used: Arduino Framework, WebSocket Protocol, ESP32 libraries

LED Roulette Circuit

(09/2023– 11/2023)

Developed an electronic roulette wheel simulator that mimics the functionality of a traditional roulette wheel using a microcontroller-based circuit. The simulator consists of an array of LEDs arranged in a circular pattern to represent the numbers on a roulette wheel.

Tools Used: LED array, MCUs

TECHNICAL SKILLS

Programming Languages: C, C++, Python, JavaScript, Angular JS

Tools: Tableau, Jupyter Notebook, Airflow, sonarQube

Cloud/Databases: MySQL, Pyspark SQL

Soft Skills: Problem-Solving, Design Thinking, Communication

Areas of Interest: Competitive Programming, Data Structures and Algorithms, Web Development, Game Development, Data Analytics

POSITIONS OF RESPONSIBILITY

UI – UX DEVELOPER (Member of Web Team), PDA MIT

09/2023 - present

Web Team Member –TED Club of MIT

06/2024 – present

Member of Internal Affairs – Anna University Entrepreneurship Club

09/2023 - present

ACHIVEMENTS

13th National Arithmetic Competition, UAE - 1st Runner up

21st International Arithmetic Competition - Merit