Contact

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Education

Career Accelerator Program
Prepleaf by Masai
Feb 2023 - present

B.Sc Maths
S.V.S. University, Meerut
July 2020 - present

Higher Secondary Education
C.R.B.V.M. Sr. Sec. School, Balawas, Rewari
June 2018 - June 2019

Technical Skills

Python

Data Structures: Stack, Queue, Linked List

Basic Sorting Algorithms   Recursion

Complexity Analysis

Soft Skills

Attention to Detail

Time Management

Achievements

Zoom Marathon Challenge
Masai School
26-day video submission for English fluency
Certification Link 🔗

Certifications

Python
Guvi
Certification Link 🔗

Karan Tanwar

Algorithm Developer Intern

Professional Summary

Adaptable Algorithm Developer Intern adept in designing and implementing efficient algorithms. Proficient in Python and skilled in algorithm design, analysis, and implementation. Strong problem-solving skills and attention to algorithmic efficiency. Collaborative team player with a keen ability to adapt to evolving project requirements.

Projects

Social media content download   Github Repo Link

Python

- Developed a Python-based project aimed at effortlessly downloading social media content from Instagram and YouTube
- Used Instaloader library to retrieve data from Instagram, including images, captions, and associated metadata
- Implemented PyTube library to seamlessly download video and audio content from YouTube
- Tech Stack of this project is Python language.

Using API to fetch the weather of the city   Github Repo Link

Python

- Created a Python project that utilizes the OpenWeatherMap API to fetch real-time weather information
- Designed the application to provide details like temperature, humidity, and weather conditions based on user input
- Ensured the project stays up-to-date with the latest information from the API and runs smoothly
- Tech Stack of this project is Python language.

Maze Solver   Github Repo Link

Python

- Developed a terminal-based application that generates a random maze and finds a path from the start to the end.
- Implemented a maze generation function to generate a random maze.
- Utilized a suitable pathfinding algorithm like BFS to find a path from the start to the end.
- Provided user options for further actions to enhance user experience.
- Tech-Stack of this project is Python.

Terminal Typing Master   Github Repo Link

Python

- Developed a terminal-based typing test application to measure typing speed.
- Loaded words from a JSON file into a Python dictionary.
- Captured user input from the terminal and implemented main game logic.
- Worked individually on the project.
- Tech-Stack of this project is Python.