Harshil Malhotra

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○ github.com/Harshilmalhotra   🔗 www.harshil.co/

PROFILE

I'm a smart and eager student with a passion for computer science, driven by the art of transforming imaginative concepts into practical and user-centered solutions. Completed my first year of B.Tech in Computer Science Engineering from SRM Institute of Science and Technology KTR, Chennai. I am enthusiastic about gaining hands-on experience and contributing to real-world projects. Currently immersing myself in learning Data Structures and Algorithms. My approach is rooted in attentiveness, receptiveness, and a genuine excitement to collaborate on finding effective and actionable solutions to present-day challenges.

EXPERIENCE

Indian Institute Of Technology, Mandi   Jun 2024 – present
Artificial Intelligence/ Machine Learning Intern

EDUCATION

Bachelor of Technology - Computer Science & Engineering   2023 – present
SRM Institute of Science and Technology   Chennai, India
CGPA 10

SKILLS

Languages
C | C++ | Python | OOP

Web Development
HTML | CSS | JavaScript | ReactJS | Tailwind CSS

Hardware
Arduino | Raspberry Pi

Software Development Tools
Figma | GitHub | Node.js | VS Code | Linux | Unix

AWARDS

First Runner Up Hackathon   30 Jun 2024
Think AI
We created a webapp which aims to help doctors in early detection of various eye diseases like Glaucoma, cataracts, diabetic retinopathy, Myopia, and age-related macular degeneration are common eye diseases that can cause severe damage.

Evincible Ideathon   02 Nov 2023
E-Cell SRMIST
Secured **First Position** in the ideathon. Our idea Green Ledger leverages blockchain technology at Ethereum protocol to track and verify carbon credits and sustainable practices.

CERTIFICATES

- Introduction to Python Programming By Coursera 🔗
- HTML, CSS and JavaScript for Web Developers 🔗
- C++ For C Programmers 🔗
- Data Analysis Using Python
- Introduction to Git and GitHub by GOOGLE 🔗

PROJECTS

Background Remover 🔗
Developed a user-friendly web app enabling instant background removal from images, enhancing user experience and productivity.

Markdown Previewer 🔗
Developed an interactive Markdown previewer Webapp utilizing ReactJS and Tailwind CSS to dynamically render Markdown syntax into formatted content.

Intelligent Parking System for the Unutilized Parking Area with Real-Time Monitoring 🔗
Developed an Intelligent Parking System utilizing OpenCV , aimed at optimizing underutilized parking spaces. Integrated real-time monitoring for efficient space management, and contributing to sustainable urban planning

Hand Gesture Vocaliser 🔗
Innovated the 'Hand Gesture Vocaliser' project with Arduino and flex-sensor gloves, converting sign language into audible speech through wireless tech, significantly improving communication for mute individuals and breaking down barriers within the deaf community

VOLUNTEERING

Futurix - Computing Technologies Association   Feb 2024 – present
Lead
Led the planning and execution of tech events and coding workshops. Spearheaded and hosted hackathons, managing teams, and ensuring successful events.

DBug Labs   Nov 2023 – present
Associate Lead
Building projects and workshops in web dev domain, ensuring alignment with goals, and maintaining quality
standards.