Anshu Dwivedi

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PROFILE

I am a passionate coding enthusiast who loves **brainstorming** challenging questions. Proficient in **C++** and familiar with **C**, I excel in **Data Structures and Algorithms**. Moreover, I have experience with **front-end web development** technologies, including HTML, CSS, and JavaScript. *My aspiration is to leverage my technical expertise and problem-solving acumen to excel as a versatile software engineer, dedicated to crafting innovative solutions and contributing effectively as a Summer Analyst.*

EDUCATION

B.tech in Electronics Engineering 2021 – present
Harcourt Butler Technical University Kanpur, India
- **CGPA 7.1 (till 2nd year)**

Intermediate 2020
Onkareshwar Saraswati Vidya Niketan Kanpur, India
- **Percentage: 80% (UP Board)**

High School 2018
Chacha Nehru Smarak Inter College Kanpur, India
- **Percentage : 85%(UP Board)**

SKILLS

C++ | C | Data Structures | Algorithms | Competitive Programming | HTML | CSS | Javascript | Problem Solving | Leadership

EXPERIENCE

- **Solved 300+ problems in C++ across various coding platforms**
- **5 star coder in Hackerrank and 2 start coder in Codechef**
- **Solved 130+ problems on Codechef**
- **Worked as Question and Answer Expert in Physics @Chegg, India**
- **Guitar Mentor**

POSITION & RESPONSIBILITIES

Question and Answer expert @Chegg ,India
January 2022

Associate Head of Octave Music Society
January 2023- Present

Associate Event Management of Hobby Sub-council
March 2023-Present

ACADEMIC PROJECT

Line Follower Robot
July,2022
I successfully crafted a Line Follower Robot (LFR) using an Arduino UNO microcontroller and a set of Infrared (IR) sensors. This autonomous robot is designed to navigate by detecting and tracking a black line path on a contrasting surface. The IR sensors, strategically placed beneath the robot, continuously scan the ground for the black line. Once detected, the Arduino UNO processes this sensory data and triggers precise adjustments in the robot's left and right wheel movements, ensuring it remains aligned with the path.

Social Distancing ID CARD
July,2023
Created a Social Distancing ID card incorporating Arduino UNO and Ultrasonic Sensor technologies, facilitating real-time proximity detection within a 0-100 cm range.