



Surajit Dey Sarkar

UNDERGRADUATE STUDENT

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PROFILE

I'm currently pursuing my B.Tech in Computer Science and Engineering. I am passionate about Ai-ML, Cybersecurity, IoT, Technical Content Writing, Web development.

SKILLS

Languages

C++

Python

Assembly Language

Programming

HTML

CSS

WORK EXPERIENCE

MEMBER

SRM Autonomous Underwater Vehicle

Dec 2021 - May 2022

- Comes up with unique underwater vehicle design.
- Works closely with OpenComputerVision.

MEMBER

SRM Team Robocon

May 2022 - Aug 2022

- Works On Technical Content Writing.
- Created a Maze Solver as a group project, which works like this, The bot has a two wheel drive, and trapezoid shaped chassis. Using 3 IR sensors the bot detects the lines of the maze and decides which path to follow. The code uses an LSRB algorithm to successfully make it to the end of the maze. The IR sensor will detect the paths that can be taken then the algorithm will choose a path to make it to the end of the maze. For the movement of the bot I used two 9 volt Dc motors which can be regulated using a L298N motor driver. The L298N motor driver controls the motors as per the given code.

MEMBER

Think-Digital, SRM

Feb 2022 - Present

- Worked as a IoT Member
- Worked on Arduino, Multiple Sensors, Attendance Monitoring System Project.

EDUCATION HISTORY

Bachelor's in Computer Science and Engineering

Sep 2021 - Sep 2025

SRM Institue of Science and Technology

High School Diploma

May 2019 - Jun 2021

Pace Junior Science College