

Rohit Mokashi

Student

CONTACT ME

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EDUCATION

Computer Engineering Btech - Pursuing
JSPM's Rajarshi Shahu College of Engineering
2020 - 2024

12-CBSE

Army Public School, Chandi Mandir
Score - 83%
2018-2020

10-CBSE

Army Public School, Chandi Mandir
Score - 81.6%
2017-2018

COURSE

- Object Oriented Programming
- Data Structure and Algorithms
- Database Management System
- Computer Networks
- Operating System
- Cryptography and Network Security
- Design Analysis of Algorithm
- Artificial Intelligence
- Cryptology and Network Security

WORK EXPERIENCE / POSITIONS

Programming co-lead, Member 2021
Team CiPHER (RSCOE)

In 2021, I became a programming member of Team Cipher and had a great time learning about robots and other other domains than software, such as ROS, simulation, and microcontrollers. Our team was also chosen for the DD Robocon 2022 finals, which were held at IIT Delhi; this gave us a lot of exposure and experience.

Member 2022
GDSC RSCOE

General member at Google Developer club RSCOE

COMPETITONS

E Yantra Robotics Competition

With a team of four members, I actively participated in the e-Yantra Robotics Competition. Our team's theme was the sentinel drone. During the process, we looked into applications like Gazebo for simulations, Qgis for geo-referncing, and ROS for full drone operation. Additionally, we learned about PID controllers for the drone's movement optimization and opencv for using drone input to identify colours on a map.

Meshmerize Techfest

We built a maze-solving robot as participant of the Techfest event Meshmerize. A maze-solving robot that was coded in the Arduino IDE and utilises an LSA-08 sensor array in combination with an Arduino UNO. It employed the LSRB algorithm to go through a maze of white tape on a black background and complete it in the shortest path possible.

SKILLS

- C++,Python
- ROS Noetic Ninjemys
- ROS2-Foxy Fitzroy
- Simulation-Gazebo
- Navigation Stack
- Arduino
- Linux (Ubuntu)
- Leadership
- Communication
- Management
- Team bonding
- Team work
- Hardworking