

# Parshv Meher

Computer Science Undergraduate

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Pune, India 📍

Aspiring Computer Science Undergraduate with a zeal of innovation.  
Eager to secure an internship or research opportunity that will allow me to utilize my problem solving skills and learn from experienced seniors to further develop my abilities in the field of computer science

## EDUCATION

### B.Tech in Computer Science & Engineering

MIT-World Peace University, Pune

06/2019 - Present

CGPA (9.29/10)

### Secondary School Certificate (SSC)

St. Vincent's High School, Pune

06/2007 - 06/2017

GPA(9/10)

## WORK EXPERIENCE

### Team Leader & Technical Lead (Coding)

MIT Tech Team (Team Robocon)

06/2019 - 10/2021

Robotics club of MIT-WPU that competes in robotics competitions like ABU ROBOCON etc.

Achievements/Tasks

- Selected as the Team Leader for the year 2021
- Head of Finance & Management
- Implemented all ATmega 2560 Peripherals using Register Level Coding.
- Implemented some peripherals for TI M4 MCU.
- Developed and programmed a holonomic three wheel omni drive with automated navigation and sensor feedback.
- Implemented Bezier Curves for Robot Navigation.
- Hands on experience with different types of Sensors, IMU's and Rotary Encoders etc. with communication protocols like UART, SPI etc.

### Team Manager

Lotus Events, Pune

03/2020 - 09/2021

Event Management Company specialized in wedding event planning.

Achievements/Tasks

- Managed and coordinated with the team to meet the requirements specified by the customer.
- Assigned tasks to team members to achieve the requirements given by the client.

## ORGANIZATIONS

MIT Tech Team, Pune (06/2019 - 10/2021)

Team Leader & Technical Lead ( Coding)

National Cadet Corps (06/2014 - 06/2016)

NCC Navy Cadet

## SKILLS

Programming Languages : C, C++, Python, Embedded C

Web Technologies : HTML , CSS

AI , Machine Learning, Deep Learning, IOT

Non Technical Skills : Leadership, Team Management, Problem Solving, Time Management, Flexibility

Others: MySQL, GitHub, Anaconda

## PERSONAL PROJECTS

### Holonomic Three Wheel Omni Drive Robot with Autonomous Navigation

- Coded a Three Wheel Omni Drive Robot that could automatically navigate around its path using sensor feedback and basic localisation.

### Smart Traffic Signal using IR Sensors and Arduino

- Built a Smart Traffic Signal Model that dynamically calculates the traffic signal timer based on the traffic density using IR Sensors and Arduino Mega.

### Touchless Sanitizer Dispenser

- Touchless Sanitizer Dispenser that dispenses sanitizer on detection of an object(hand)

## CERTIFICATES

Database Management Systems

Introduction to Machine Learning

Data Scientist's Toolbox

## ACHIEVEMENTS

National Winners of Robocon 2020 (06/2019 - 10/2020)

Held at IIT Delhi , Secured 1st Rank among 109 teams, Represented India at Fiji for the ABU ROBOCON 2020

Best Cadet Award at the NCC Camp (06/2015 - 06/2016)

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Marathi

Full Professional Proficiency

German

Elementary Proficiency

## INTERESTS

Playing Guitar

Dancing

Travelling

Drawing