



# Abrar Syed

abrarsyed.in  
syed.ahmed@learner.manipal.edu

## EDUCATION

### MIT MANIPAL

BTECH IN COMPUTER SCIENCE  
2019-2023 | CGPA: 9.11/10

### NARAYANA JR. SCI COLLEGE

INTERMEDIATE  
April 2019 | Hyderabad  
Percentage: 96.6%

### GLENDAL ACADEMY

Grad. April 2017 | Hyderabad, India  
CGPA: 10/10

## LINKS

Github:// [sudo-apt-Abrar](#)  
LinkedIn:// [Abrar Syed](#)  
Twitter:// [@abrarsyed](#)  
Medium:// [Abrar Syed](#)

## SKILLS

### LANGUAGES

Python • C • Java • Javascript  
Shell • C++

### TOOLS

Pandas • TensorFlow • Matplotlib  
Numpy • OpenCV • Figma • Git  
ROS • MATLAB

### INTERESTS

Deep Learning  
Web Development  
Flutter Development

### CERTIFICATIONS

Fundamentals of Graphic Design  
FSG Academy 20200829-30 - Waymo  
Introduction to Self-Driving Cars  
ROS for Beginners  
Web Development Bootcamp by App Brewery  
Introduction to Big Data  
Big Data Modelling and Management  
Big Data Integration and Processing

## EXPERIENCE

### SAMSUNG PRISM

Jan 2022 - Present | Manipal

- Currently working on the project titled 'Multi-Camera Positioning'.

### FORMULA MANIPAL

DRIVERLESS SUBSYSTEM HEAD

Sep 2020 - May 2021 | Manipal

- Spearheaded a team with a motive to convert Combustion and Electric FSAE cars to autonomous vehicles.
- Worked with Robotics, Image Processing using OpenCV. Delaunay Triangulation, SLAM, Model Predictive and Higher Control Logic.
- Our driverless team came first in Formula Bharat 2021 - Ather Vehicle Tech

### DRIVERLESS TEAM MEMBER

Dec 2019 - Sep 2020 | Manipal

- Learned various ROS and Machine Learning concepts and researched extensively on Path Planning and Controls of Self-Driving Cars.

## COMPETITIONS

### MICROMOUSE CHALLENGE | IIT BOMBAY TECHFEST

2020

Built an autonomous-self contained robot which can get to the center of the maze (16 x 16 multiples of an 18 cm x 18 cm unit square) in the shortest possible time using a BFS-based Floodfill approach.

### MYCLASS | IEEE SBM HACKATHON

2021

Developed an app for online classes using Flutter and tflite. Some functionalities included video call, chat, document upload, view and proctored exams.

## SIDE PROJECTS

### MEMORIES SOCIAL MEDIA

2022

Built a website capable of adding image-based posts using ReactJS and Mongoose.

### BEARS AND BEETS

2021

Built a chatbot based on character Dwight from the TV-Show The Office using Microsoft's DialoGPT.

## ACHIEVEMENTS

2021	1 <sup>st</sup>	Ather Energy - Vehicle Tech
2020	2 <sup>nd</sup>	ROScore - Techtatva
2019	National	GGI Finalist - Policy Consulting
2016	District	SGF Football Tournament Runner-Up