

MEGHANA REDDY TELLURI

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CARRIER OBJECTIVE

To pursue a challenging career in the field of computers, amass knowledge and techniques required to substantiate myself at the pinnacle of the industry.

WORK EXPERIENCE

Project Intern at Wipro Limited, Bangalore Robotics (Research and Development Wing)

May 6, 2019 – October 6, 2019

- Project: Multi Robot System.
- Use Case: Shopping Ware House.
- Research done related to navigation of TurtleBot3, connecting Multi master System using namespace concept in ROS and developing algorithm which calculates the overall shortest path that robot should follow for collecting items given in an order by customer.
- Robot Model Used: TurtleBot3.
- Technology: ROS.

EDUCATION

IIITDM Kancheepuram (under MHRD)

2016 - 2020

B.Tech, Department of Computer Engineering

CGPA: 9.08

Sri Chaitanya Junior Kalasala

2014 - 2016

Senior Secondary

Percentage: 97.7

Loyola Public School

2014

Secondary

Percentage: 91.2

PROJECTS

Developed a Package in R for Automated Exploratory Data Analysis

Dr.Sivaselvan

- The package includes the techniques we used in automating the step by step process of Exploratory Data Analysis. Finally shiny application is developed to help user visualize the results of EDA by using just one command.
- A single command will produce an output document with substantial insights of the data by default there by saving a lot of time for the user.
- Paper submitted to IETE Journal as part of contribution of work.

Acute Care Monitoring System

Dr.Sudhir Varadarajan

- Developed prototype which constantly monitors the physiological parameters of the patient and alerts / warns the corresponding nurse, doctor by sending messages against critical illness of the patients, life threatening events.
- Doctors are given time to time updates of the patient.
- Sensors for collecting data, data base for storing patient data, mobile application for showing patients data.

Institute Parent Faculty Portal

Dr. Sivaselvan B

- Developed very basic application, gathering and processing database step by step in a systematic procedure (schema, normalization, relational data base).
- Through this parents get updates of their children (Academic performance, Attendance etc.) and facilitates them to interact with respective faculty.

Keep Distance Warning System

ECIL, Hyderabad (June – July, 2018)

- To alert the following vehicle whenever it comes very close to the ahead vehicle, thereby avoiding accidents to some extent on highways.

TECHNICAL STRENGTHS

Languages: C, C++, Java, Python (Basic), R, MySQL, HTML.
Software & Tools ROS, Logisim, Android Studio, ARM Simulator, Keil, Latex.

COURSE WORK

Data Structures, Algorithms, Data Base Management Systems, Operating Systems, Intelligent Systems, Systems Thinking for Design, Product Management.

POSITIONS OF RESPONSIBILITY

Core of CS Club (Projects, Research, IV Wing) August, 2018 - April, 2019.

- Inviting Industrial experts to conduct talks.

Coordinator of GA in Samgatha College Fest Feb 2018.

- Assisting seniors in arranging materials on time required for the conduct of various events during the fest.

Volunteer of Placement Cell Sep 2017 - July 2018.

- Reaching out to companies and inviting them for placement ride, making sure interviews run smoothly.
- Analyzing the statistics of placements in the college from year to year.

OTHER ACTIVITIES

Participated in SIH 2017 (Worked for better solution to reduce food wastage in hostel mess).

Second in Inter Department Throw ball, Basketball matches in college and school.

Online Courses: OOPS, Machine Learning.

Certifications:

AWS Fundamentals: Going Cloud Native

IBM - Data Science Capstone Project