

RAJESH DODDEGOWDA

An Aspiring Engineer, Technical Hoarder & A Proud Geek

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CAREER OBJECTIVE

- A Talented Master's student with a strong academic background with the ability to think about a problem coupled with the confidence to make ideas heard. I am currently looking for a student job opportunity that will allow me to work alongside an expert team of talented individuals.

PROJECTS

Multifunctional Embedded System for Helmet

2018 - 2019

SSIT

- The objective of the project is to design and develop a smart helmet that acts as a security system and a monitoring system for two wheeler vehicles and its rider. The project is implemented using a sensor network with communication modules to detect accidents and to communicate to stop the vehicle in case of critical or abnormal situations.
- TOOL - MATLAB, Arduino IDE.

emotional recognition human computer interface

July 2020

University of Paderborn

- The emotional recognition between the human and computer interface using the camera. Four emotions (Happy, Angry, Sad, and Neutral) are given along with the music using an HTML file. The camera will start and record your image in the back end and go for 10 successful images which contain any face when the expression of a human is detected. Play the related music along with the expression.
- Tool - Python, HTML, Java.

Rescue robot/ Disaster control robot

2020 - 2021

University of Paderborn

- The behavior control for the rescue robot will be implemented by the ROS-Plan framework. This framework provides both planning for a problem and execution of a plan using the ROS system. The execution part consists of PDDL actions corresponding to the physical world is done by creating a ROS-Action message which acts as a bridge between PDDL domain and the physical world.
- Tools - ROS, python, c++, PDDL.

INTERNSHIP

- INTERNATIONAL ROBOTICS INTERNSHIP TRAINING PROGRAM AT IIT MADRAS RESEARCH - IIT Madras.

SPOKEN LANGUAGES

English
German
Hindi
Kannada



AREA OF INTEREST

Software Developer

Machine Learning Engineer

AI Developer

TECHNICAL SKILLS

Problem Solving

Competitive Coding

Machine Learning

GENERAL SKILLS

Drawing

Cricket

Reading Books

PERSONAL SKILLS

Self Starter

Flexible & Adaptable

Leadership

Communication

LANGUAGES

C & C++
Python
ROS
openCV



EDUCATION

M.S in Electrical Systems Engineering

pursuing

2019

University of Paderborn

B.E in Electronics and Communication Engineering

9.1/10

2015 - 2019

SSIT, India

PUC (12th)

85.6%

2013 - 2015

sarvodaya PU college, India

SSLC (10th)

89.9%

2013

vidyaniketan school, India