# SUJEENDRA R

# 31 4<sup>th</sup> A main CITB model
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## Objective

I have a keen interset in learning new topics ,so i would like to work on more Technical Projects like Eyantra ,especially on a subject like Robotics and Computer Vision.

## Education

| Degree | College/School | Passing Year | Percentage |
|---|---|---|---|
| SSLC | Marimallappa's High School Mysore | 2014 | 97.44 |
| PUC | Marimallappa's PU College Mysore | 2016 | 94 |
| B.E in Electronics and Communication | Sri Jayachamarajendra College of Enginnering(JSSTU) | 2020 | CGPA on a scale of 10 .Five semester Score is 9.3 |

## Projects

1. **Chatbot-using-Raspberry-pi-For-Building-Navigation**

   a) **Description**: Chatbot using Raspberry-pi to navigate inside the building or apartment Using TCP Protocol.

   b) **Link**: https://github.com/Sujeendra/Chatbot-using-Raspberry-pi-For-Building-Navigation

2. **Google-Home-Prototype-using-RPI-3B**

   a) **Description**: Google assiatnt will be installed on Raspberry pi and configured for .asoundrc file for setting up USB mic which act as an an voice input device for controlling any gadget via voice commands.

   b) **Link**: https://github.com/Sujeendra/Google-Home-Prototype-using-RPI-3B

3. **OpenCV-Projects-based-on-Facial-recognition**

   a) **Description**: This project uses lbhp i.e. linear binary histogram patterns to match faces wih dataset and also python speech recoognition is used to check whether user is an admin or someother person.

   b) **link**: https://github.com/Sujeendra/OpenCV-3.4-Projects-based-on-Fcaial -recognition-and-Python-Speech-recognition

4. **Interfacing-LED-with-Raspberry-Pi-3B**

   a) **Description**: A simple Incrementer code is written using python to display counting action til 60seconds on Common Cathode Led Connected to Pi using GPIO pins.

   b) **link**: https://github.com/Sujeendra/Interfacing-LED-with-Raspberry-Pi-3B

5. **Tic tac Toe game using Android studio**

   a) **Description**: A simple android app Developed using android studio using Java programming Language.

   b) **link**: https://github.com/Sujeendra/Tic-tac-toe-Game-using-Android-Studio-and-Java

Other projects: Automatic Bidirectional Person counter using Arduino Uno and DTMF controlled Appliances. Also Eyantra-2018 was my biggest Project among all.

## Internship

- **Sanfoundry:** Content Writing Mcq's| Topic : Engineering Mathematics.
  Duartion: October 2017 to Decemeber 2017

- **Grade Up:**Content Writing | JEE/IIT Exam Mcq's | Topic : Mathematics.
  Duartion : October 2017 to May 2018

- **Unacadamy:** Created Mathematics Tutorial Videos for IIT/JEE examination.
  Duration: June 2018 to July 2018

## Technical Skills

1) Programming and coding

    a) C-Programming

    b) Java

    c) Python

    d) Data Structures using C++

2) Matlab

3) ROS-Robot Operating System and Vrep Software

4) Tina Ti Circuit Design

5) Python Open CV

6) Linux(Ubuntu)

7) Android Studio Development Basic

8) Reporting Software Bugs in Custom Roms for my device k5fpr(Lenovo Vibe K4 note) on XDA Platform

9) 8051 Microcontroller Assembly level Programming

10) Ardunio Uno C programming

11) Creating  Basic Videos using slides.

12) Content Writing