Rahiman S

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Objective

I seek challenging opportunities where I can fully use my skills for the success of the organization.

Education

- **Panimalar Engineering College** 2017 - 2021
  BE Electronics and Communication Engineering
  7.2
- **Lourdu Madha Metriculation Higher Secondary** 2017
  HSC
  77%
- **Lourdu Madha Metriculation Higher Secondary** 2015
  SSLC
  92%

Experience

- **Remark Skill Education** 19/04/2021 - 30/05/2021
  Intern

Projects

- **Curiosity Mars Rover**
  Project description Project to construct a drivable Mars rover capable of carrying One Astronaut. The code is typed in python programming . The HELIOS project started over a year ago and has involved four engineers and two technicians. HELIOS uses a “rocker-bogie” suspension system, rarely seen outside of Mars rovers, to provide stability and allow climbing over difficult obstacles. The rover uses six in-wheel motors powered by a 12 volt ,3000Ah LI battery for power. It implements a Raspberry Pi microcomputer and Arduino microcontroller for the drive controls, and is driven by two handles near the seat in a fashion similar to what is seen on a Zero-turning Lawn mower. The Zero-turning lever action will make it easier for astronauts control and maneuver the rover.
- **IoT-Based Smart Shopping Cart Using Radio Frequency Identification**
  Project descriptionThis project helps the people in collecting their groceries. Arduino UNO (atmega328p microcontroller) is deployed in the robot module(trolly) along with RFID reader, Bluetooth, Driver IC, motors and ESP8266 Microcontroller. The voice of the person (section where the person wants to go) is taken as input and this input is communicated via Bluetooth to Arduino. According to the requirement, the Arduino will provide the command to driver IC, which in turn will drive the motors to that particular direction. In the section, all items will have RFID tags. Whenever an item is picked and dropped into the trolly, the RFID reader will detect (read) the tag. This will be communicated to Arduino and the Arduino will display the item name and its price through LCD display. Also, all the items that are in trolly are updated in IOT and are printed at the bill section.

Achievements & Awards

- Got 1st prize for our project submission in our Project expo event conducted by IETE & Robobout club.

Interests

- Ethical Hacking Technologies
- Learning new Technologies
- Reading Technology Articles
- Block chain technoligies
- Web development
- Networking

Programming Skills

- MERN Full Stack Developer
- Java
- Javascript
- Android Development
- Python
- C,C++

Language

- English
- Urudu
- Tamil
- Hindi

Soft Skills

- Team coordination
- Quick learning
- Time management

Certification

- C,C++,Advance Java from Sai Infosys, Chennai
- Business English Certification(BEC)
- Core and Advance Python from Remark Skill Education, Delhi

Declaration

- I hereby declare that the above mentioned details are correct to the best of my knowledge.