

ARUN M C

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Experience

- KELTRON**

4/06/2022 - 17/06/2022

- INTERNSHIP

- Internship on IOT

- Languages : C++, HTML, Embedded C.

- PROJECTS :

- 1 . Home Automation using NODEMCU
2. Working of a DC Motor controlled using PIC16F877A.
3. 7-Segment Display interfacing with PIC16F877A.
- 4.Lcd display interfacing with PIC16F877A.

Education

Course / Degree	School / University	Grade / Score	Year
Grade-10	Novel International school Pulikkal, CBSE	CGPA 10	2016
Grade-12	Bharatiya Vidya Bhavan ,chelembra, CBSE	86.5%	2018
B-Tech ECE	CUSAT	7.8	2023

Skills

- C++
- PYTHON
- C
- JavaScript,HTML
- SQL
- Basics of React

Projects

- Diabetic Retinopathy Detection using ML**

- This project help to detect the diabetic condition of a person using his retina image .ResNet50 is used for model training model .

- AUTOMATIC WASTE PICKING ROBOT**

- A self driven trash picker which can segregate trash into reusable or non-reusable material . Programmed and implemented in Arduino (C, C++) and used Arduino Mega2560 along multiple SG90 servo motors, HC-SR04 sensors and L298N DC Motor driver, and ESP8266 micro-controller.

- IOT BASED CABLE FAULT DETECTION**

- This is an iot based project designed to detect and visualize whether there is any break in the transmission line on an iot platform.

- AUDIO AMPLIFIER**

- This project was developed using 555 timer ic, where we get an amplified sound as output.

Interests

- FOOTBALL
- READING
- GAMING

Languages

- ENGLISH
- MALAYALAM