N.Ravichandran (Student)

Chennai | 9500143696| ravichandran1776@gmail.com

EDUCATION

Panimalar Engineering College   **Chennai**

Bachelor of Engineering : Electronics and Communication Engineering(ECE)   *Graduation Date:May 2023*

● GPA 8.5.

Velammal vidhyashram ,   **surapet,Chennai**

Higher Secondary Education,PCMB   *Graduation Date :May 2019*

● Mark : 315/500

Everwin vidhyashram ,   **kolathur,chennai**

SSLC 85%   *Graduation Date :May 2017*

PROJECT EXPERIENCE

Real Time Communication System Powered by AI for Specially-abled

● The project aims to develop a system that converts the sign language into a human hearing voice in the desired language to convey a message to normal people,as well as convert speech into understandable sign language for the deaf and dumb.

● We are making use of a convolution neural network to create a model that is trained on different hand gestures. An app is built which uses this model. This app enables deaf and dumb people to convey their information using signs which get converted to human-understandable language and speech is given as output.

Brain Tumour Classification and Breast cancer predictor Using Deep Learning

● This project aims to develop a web application to predict and classify the brain tumour and breast cancer using scan images This web application provides the overview of the tumour present or not , if a tumour is present the model will classify the tumour

Arduino Third Arm

● This project aims to develop a third mechanical arm for people who last their arm. This project uses arduino as amicroprocessor and EMG sensor to detect any emg signals in the muscles

These signals are processed and transmitted to the DC motors , these motors are connected to a 3-D printed hand Prosthetic

CERTIFICATIONS

Pecteam 2K20   -Panimalar Engineering College

BLOCKCHAIN workshop   -International business machines corporation

Pecteam 2K22   -Panimalar Engineering college

SKILLS & INTERESTS

Skills: Python Programming basics