

MOHANRAJ VENKATACHALAM



OBJECTIVE

To work with a progressive organization and seek a challenging career which nourishes my passion to excel, by grabbing the opportunities to learn new technologies.



EDUCATION

B.E., (Electronics & Communication Engineering) | Kongunadu college of Engineering & Technology | 2017-2021

CGPA: 7.581 upto 5th sem)

HSC (State Board) | SRV Boys Higher Secondary School Rasipuram | 2017

Percentage: 85.5%

SSLC (State Board) | Rainbow Matriculation School Puduchatram | 2015

Percentage: 87.6%



COURSES

Machine Learning | Four Steps Solution

2019

Done projects like face detection, covid-19 death rate prediction and insurance price prediction.

Chip verification Internship | ENoah iSolution

Learning chip verification

2019-2020

Intel AI Edge Scholarship | Intel

Learned about AI basics and learn Openvino toolkit for model preparation.

2019-2020



PROJECTS

Project #1

Core Java: Java Application for Sky D2H Television Channel Providing with the help of this application , we know that customer details and Subscription end date and which packages they have we have a rights to remove or add packages respect to subscription. I'm the developer

Project #2

Computer Vision: Face\Object Analyzing for Surveillance using drone with the help of camera and python to analyze the live video for finding persons in Crowdy area ,it compares face with already trained models. I'm the one of the software developer of our team.

Project #3

Balloon Satellite: Analyzing Environment Via Helium Balloon with the help of Helium Balloon ,Arduino controller, sensors like DIT and Lora module interfaced, then it launched 500m above the ground level. It covers up to 10km.I was the hardware developer of the team



SKILLS

- Java
- Python for Machine Learning
- ReactJS
- React Native



AREA OF INTRESTS

- Application Development
- Artificial Intelligence
- Arduino and Raspberry pi
- PCB Design and fabrication



ACCOLADES

- One of the Volunteer in “Pearlpet Helping Hands” Organisation.
- Organized and took a session on “AI” workshop conducted in our college.
- Won 1st prize in Paper presentation by presenting “Face Detection based Banking process” conducted by SRM UNIVERSITY, Chennai (2020).
- We won 1st prize in “RESISTHOR” hackathon intra college event held on March,2020 at Trichy about the domain of data analysis.
- Got Reward as “Best Student” by ISTE, at PSG Institute of technology,Coimbatore,on Student convection chapter award event (2020).
- Got Reward as “Best Student of the Month” by Educaffe ,Punjab for submitting more than 5 IOT projects on student developer Event (2019).
- Participated in “Residential Research Internship Programme 19” on the domain of “IoT Appliancations” conducted by sona college of technology (2019).
- Participated in “Mega Marathon” conducted by Rotary Club, Rasipuram (2019).
- Done “Value added course” on the domain of “PCB Design” conducted by Kongunadu college of engineering and technology (2018).



PERSONAL TRAITS

- Working Curiosity
- Flexibility



PERSONAL DETAILS

Father Name : Venkatachalam K
Mother Name : Dhanabhakiyam V
Nationality : Indian
Linguistic Skill : English (S/R/W) ,Tamil (S/R/W)
Hobbies : Exploring new places and coding
Address : 11/129 ,petrol bunk road,Belukurichi,Namakkal-637402
Personal Blog : <https://mohanrajvenkatachalam.000webhostapp.com/>