

VIMALRAJ S

Electronics and Communication Engineer



My Contact

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Hard Skill

1. C,C++ and basics of JAVA Programming
2. Machine Learning using python
3. Basics of Deep Learning
4. HTML and CSS
5. Virtual Instrumentation

Soft Skill

1. Observation
2. Decision making
3. Team Management
4. Communication
5. Multi-tasking

Tools

1. Jupyter NoteBook
2. Google Colab
3. Canva
4. Visual Studio Code
5. EasyEda
6. OS: Windows

Educational Background

- RKR GRKS Matriculation Higher Secondary School, Udumalpet, Tiruppur.
SSLC with grade 9.5
Completed in 2018
- RKR GRKS Matriculation Higher Secondary School, Udumalpet, Tiruppur.
HSC with grade 8.9
Completed in 2020
- Bannari Amman Institute of Technology, Sathyamangalam, Erode.
Semester IV with CGPA 8.96

Languages

1. Tamil
2. English

Areas of Interest

1. Machine Learning
2. Digital System Logic Design
3. Labview
4. Computer Vision Techniques

About Me

I am an enthusiastic and reliable person who can work in a dynamic environment and deliver high standards of work. I excel as a good team worker, able to accept direction from all levels and build good working relationships with all colleagues. Works well in a team or on own initiative. I am resilient and I meet deadlines.

Courses and Certifications

Professional Experience

1. Intern | Rajiv Gandhi Memorial Telecom Training Center – BSNL

Skills Obtained: Wi-Fi, NB-IoT

Projects, Domain and Notion origin

- 1.GPS-enabled Bus Tracking and Vacant Seats Management System for Assisting Passengers (Patent Idea)** – IoT – Academic Level (I st Year – individual)
- 2.IoT-based Smart Plug for indoor use (Project)** – IoT – Academic Level (Ist Year – Group of 3)
- 3.ML-based Yield Prediction using Agricultural Parameters (Solution)** – AI/ML – Digital Village Hackathon by TIET (II nd Year – individual)
- 4.IoT Based Accident Detection and Emergency SOS Device (Project)** – IoT – ARAI Mobility Hackathon (III rd Year – Group of 5)
- 5.Car Dent/Scratch Detection and Classification using Object Detection Model (Solution)** – AI/ML – 4th edition of the Industry Institution Summit (IIS) conducted by IET Chennai Local Network (III rd Year – individual)
- 6.Welding Defect Prediction using Weld Parameters by Godrej (Solution)**– AI/ML – IIT TechFest Bombay (III rd Year – individual)
- 7.4W Electric Vehicle (Electrical/Electronics and Innovation Stream) (Project)** – IoT and AI/ML – SAENIS Efficycle Power Enhancement Season (III rd Year – Group of 13)
- 8.RF-based Audible Sign Board Instructions and Speed Violation Data Logger for Automotives (Patent Idea)** – IoT – Academic Level (II nd Year – Group of 3)

Trainer

- Trained 40+ Ist year students in the Skill training program for C programming during the second year.
- Trained 20+ II nd year students in a special lab for Machine Learning using Python during second year.
- Trained 45+ school students (VIth, VIIth and VIIIth) in Internet of Things during Third Year.

Achievements

- Secured 3rd position in SSLC– School Level
- Secured 2nd position HSC– School Level
- 2 nd Runner up in Digital Village Hackathon by Thapar Institute of Technology
- Best Design Compliance in EFFIQUE by SAENIS Efficycle Power Enhancement Season
- Winner at VIVID 6.0 –National Level Technical Competition by M2P Solutions and SNS college of Engineering, Chennai.
- Selected in 8th Smart City Asia Pacific Awards (SCAPA) under the category of Transportation – Connected & autonomous vehicles.

Patents Filed

- GPS enabled Bus Tracking and Vacant Seats Management System for Assisting Passengers
- IoT Based Accident Detection and Emergency SOS Device
- RF based Audible Sign Board Instructions and Speed Violation Data Logger for Automotives

I hereby declare that all the information mentioned above are true to my knowledge.

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