

JAGADHESWARAN M

ELECTRONICS AND COMMUNICATION ENGINEER



CONTACT



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Address

4/845, Teacher's Colony, Old ration shop street,
Dharmapuri - 636701, TamilNadu, India.

TECHNICAL SKILLS

- Diptrace
- Proteus
- Basics of LabVIEW
- Verilog
- System Verilog

PROGRAMMING LANGUAGES KNOWN

- C PROGRAMMING
- C++ PROGRAMMING
- BASICS OF PYTHON
- BASICS OF JAVA

AREAS OF INTEREST

- Design and Development
- Artificial Intelligence and Machine Learning
- VLSI

CAREER OBJECTIVE

To be able to work in a highly organized environment and contribute my expertise and knowledge in electronic process and applications.

ACADEMIC CREDENTIALS

BANNARI AMMAN INSTITUTE OF TECHNOLOGY, SATHYAMANGALM, ERODE.

- B.E. ELECTRONICS AND COMMUNICATION ENGINEERING | Expected to graduate in **2024**.
- 8.75 CGPA (up-to 5th semester)

SENTHIL MATRICULATION HIGHER SECONDARY SCHOOL, DHARMAPURI

- H.S.C in 2020 (12th) | Advanced with an aggregate of **81.83%**
- S.S.L.C in 2018 (10th) | Advanced with an aggregate of **95.80%**

INTERNSHIP TRAININGS

- **Industry Name:** Tessolve Semiconductors
Duration: 15 Days [August, 2022]
Responsibility: Student Member
- **Industry Name:** EDUTECH
Duration: 60 Days [April 2022 to June 2022]
Responsibility: Project Engineer performing projects on machine learning

PROJECTS

PROJECT 1 - ANTIPINCH TECHNOLOGY USING IMAGE PROCESSING

DURATION : 2 Months | **TEAM SIZE** : 2
DATE : JANUARY 2022 | **ROLE** : Developer
TECHNOLOGY : Antipinch Technology using Image Processing

DESCRIPTION :

- Anti-pinch technology is a safety system that modern vehicles employ in power windows.
- The power window is the window that uses an electric motor to operate.
- As the name suggests, this technology prevents the accidental winding up of the power window.
- If the system senses any obstacle in the path of the glass, it prevents the window glass from moving further up.
- Thus, it prevents possible injuries to the occupants.

PERSONAL SKILLS

- Adaptability
- Leadership
- Integrity & Enthusiast
- Studios & Persistence

LANGUAGES KNOWN

- English (R, W, S)
- Tamil (R, W, S)
- Hindi(R.W.S)
- German(R,W,S)

HOBBIES

- Travelling
- Chess
- Badminton
- service at animal shelters

CLUBS & SOCIETIES

- IEEE Student Branch Member
- IETE Student Branch Member

WORKSHOP ATTENDED

- Participated in the "Smart Programming Features for Battery Chargers" organized by Department of Electronics and Communication Engineering, BIT - December, 2021.

PERSONAL INFORMATION

- Date of Birth : 20 November 2001
- Nationality : Indian
- Father's Name : Mr. Muthukumar K
- Mother's Name : Mrs. Maheswari A

PROJECT 2 - MICROMOUSE

DURATION : 1 Month | **TEAM SIZE** : 4
DATE : AUGUST 2022 | **ROLE** : PCB Design and development
TECHNOLOGY : Maze Solver
DESCRIPTION :

- Micromouse design is one of the most popular fields among all other mobile robotics.
- It stimulates development, multidisciplinary knowledge, and group cooperation to carry out the best approach and find the shortest path.
- This work contributes to exploring the unknown environment and the robot location to obtain an optimized trajectory in the maze.

ACHIEVEMENTS

INTERNATIONAL

- Technoxian 2022 - World Robotics Championship, secured first place in Maze solver and won 60,000 Rupees.

NATIONAL

- ESIM - ESIM MARATHON - MARCH 2022, circuit selected under good category
- ESIM - MIXED SIGNAL HACKATHON - OCTOBER 2022, circuit design secured a place in excellent category.
- ENCODE - UDGAM 2022, secured a position in top 10 performing teams.

CERTIFICATIONS

- CLAD: LabVIEW - [NOVEMBER - 2022] - By National Instruments
- CCNA - Cisco Certified Network Associate - [Sep - 2022] - By Cisco

CO-CURRICULAR ACTIVITIES

COURSES

- Attended a course on "Introduction to programming with Matlab"
- Attended a course on "Learning Python Step by Step" conducted by Udemy.
- Attended on course on "Introduction to networks " organized by CISCO.

DECLARATION

I JAGADHESWARAN M, hereby declare that the above written particulars are true to the best of my knowledge.

PLACE: DHARMAPURI

DATE: 02.03.2023

JAGADHESWARAN M