Jaganathan V

Electronics and Instrumentation(Current)

As a pre-final year student passionate about technology, What sets me apart is my ability to quickly adapt to new technologies and effectively collaborate in team environments. I thrive on challenges and approach them with a positive and innovative mindset.

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EDUCATION

BE-Electronics and Instrumentation
Sri Ramakrishna Engineering College,Coimbatore

10/2021 - Present   *Coimbatore, India*

Courses
- Electric Circuits
- Digital System Design
- Internet of Things

Class XII
GD Matriculation Higher Secondary School

06/2020 - 04/2021   *Coimbatore, India*

Class X
GD Matriculation Higher Secondary School

06/2018 - 04/2019   *Coimbatore, India*

PROJECTS

Automatic Water Dispenser
- An efficient water management system which replaces manual taps.
- Its reduces the water scarcity

AR based Fault Detection System
- The fault detected in any part of the machine can be viewed with the help of the AR application.
- Various sensors placed in the machine help to detect the fault in an efficient manner.

Aqua Trash Management using ML
- An AI/ML based application which classifies aqua trash based on several parameters.
- Various sensors are equipped with the drone to collect the contamination level of the water body and it is monitored in the application.

Non-invasive blood glucose monitoring using near infrared spectroscopy
- To improve patients comfort , reduce pain and infection.
- To provide convenient, and fast monitoring method.

WORK EXPERIENCE

Student Intern
Deccan Pumps

06/2023 - 06/2023   *Coimbatore*

Deccan Pumps Group innovatively delivers cutting-edge fluid technologies, specializing in water pumps, systems, controls, and application expertise, striving for efficiency and excellence.

SKILLS

MATLAB   PYTHON   C PROGRAMMING

PHOTOSHOP CC   C++ PROGRAMMING   FIGMA

ACHIEVEMENTS

Winner of Paper Presentation " Inter O Fest' 23" (02/2023)
Held at Sree Sakthi Engineering College, Coimbatore.

Participated in SREC INNOVATE 2023 (03/2023)
held at Sri Ramakrishna Engineering College, Coimbatore.

Shortlisted for the Smart India Hackathon (SIH) through an internal hackathon (09/2023)
held at Sri Ramakrishna Engineering College, Coimbatore.

Winner of Wings and Wheels – A Drone focused project presentation held at "KRISHNECS 23 " (09/2023)
conducted by Sri Krishna College of Engineering and Technology

Participated in National level 24hrs Hackaton "QUANTUM HACKS" (01/2024)
held at New Horizon College of Engineering, bengalore.

CERTIFICATES

Completed the NPTEL course on Introduction to Industry 4.0 and Industrial Internet of Things with Elite.

Completed the NPTEL course on Fabrication Techniques for Mems-based Sensors : Clinical Perspective with Elite.

Completed Basics of Python certificate by Infosys Springboard.

LANGUAGES

English
Full Professional Proficiency

Teluge
Limited Working Proficiency

Tamil
Native or Bilingual Proficiency

German
Elementary Proficiency

INTERESTS

Electronics Circuits   Internet of Things

Digital System Design