

EMY MARIYA BIJU

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PROFILE

Career-minded Electronics and communication student with record of good marks in different subjects. Works hard on assignments and consistently meets objectives. Looking to experience field outside classroom and build foundational knowledge and skills.

EDUCATION

B-Tech Degree Electronics and Communication

TKM College of Engineering, Kollam

APJ Abdul Kalam Technological University

CGPA (upto S7) - 9.52/10

May 2024

XII

Sobhana Public School, Kothamangalam

CBSE

97.2%

2020

X

Martha Mariyam Public School

CBSE

98.2%

2018

EXPERIENCE

Interned at ANERT (Agency for New and Renewable Energy Research and Technology) for five days, gaining valuable insights into sustainable energy technologies.

PROJECTS

Real Time Hand Gesture Recognition.

It involves developing a system capable of recognizing and interpreting hand gestures in real-time.

Diabetes prediction using various machine learning algorithms

Conducted a comparative analysis of machine learning models (KNN, Ensemble Learning, Light GBM + KNN) using the PIMA Indian dataset, achieving a highest accuracy of 90.6% with Light GBM + KNN, thereby enhancing early diabetes prediction and personalized healthcare.

SDR for FM radio reception

Software Defined Radio (SDR) based RF transmitter and Receiver for Aerospace applications.

under the guidance of IEEE CAS Society and ISRO. Project ,aims to develop a versatile communication system capable of transmitting and receiving radio frequency signals using software-defined techniques, tailored specifically for aerospace applications.

SKILLS

Professional skills: Time Management, Leadership, Project Management, Decision Making,Critical Thinking, Interpersonal Skills.

Software skills: Basics of C ,C++ and Python

COURSES

Joy of Computing Using Python

NPTEL

Programming with C and C++

Internshala

POSITION OF RESPONSIBILITIES

College Hospitality committee head

Class representative

Member of technical professional organizations including IEEE, ISTE AND IETE

