Surendra
Baskey

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Education ——————

B. Tech. CSE IIT Palakkad | 2020 | CGPA: 6.00/10 (Current)

Class XII Jawahar Navodaya Vidyalaya Bangalore Urban,Karnataka | 2016 | 89%

Class X Jawahar Navodaya Vidyalaya Angul,Odisha| 2014 | 87%

Extra-Curricular —

Participated in tree plantation in our college campus during NSS activities.

Participated in 51st inter iit sporst meet at IIT madras.

Technical Skills

Programming Languages C,C++,Python,Matlab CSS,HTML,CSS,PHP,Verilog,

Hardware Programming Verilog

Parallel Computing   Have done parallel programming using API and MPI

Relevant Courses

Probability, Statistics and Stochastic Processes
Linear Algebra
Discret Mathematics and Combinatorics
Data Structures and Algorithms
Computer Organization
Operating System
Languages, Machines and Computation
Principles of Machine Learning
Artificial Intelligence

Projects

1   **Database Project**   Database
My team created a database with GUI written
using PHP and HTML and Database written
in SQL (MariaDB) for Hotel Management System.

2   **Animal Classification**   ML
Build ML model to predict the class of an animal based on its features.This project was also mean to compare the cllassification techniques in machine learning.

3   **Car Parking Stem**   Digital Circuit, Verilog, FPGA
Implemented a car parking system where system generates tickets number and keep tracks of number of vehicles in the parking area.

Experiences

1   **Summer Internship at Kramah Software on Predictive Maintenance(IIOT)**
Pdm System keeps constant monitoring of the health of the machine to repair it before it gets actually gets degraded to maximize the production of the machine.

Workshops

1   Have done workshops in Introductory course in AI and IOT.