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Artificial Engineering Student

I am very much interested in problem solving, programming and also in the field of machine learning. I have a keen interest in artificial intelligence and robotics. Currently learning python in the field of machine learning. I thrive on deciphering datasets and turning them into intelligent solutions. Currently looking for internships.

Education: (1 – 12)
Kendriya Vidyalaya Payyanur, Edat, Payyanur.
Current Education:
Amrita Vishwa Vidyapeetham, Amritapuri, Kollam.
BTech CSE AIE 5th sem.

Technical Skills:
Programming language/Tools
Python and Python for machine learning, Java, JavaScript, HTML, Database management using MySQL, Design tools like Photoshop, AutoCAD. Hadoop, Matlab, Scala.

Artificial Intelligence:
Machine Learning: supervised, unsupervised.
Deep learning: CNNs
Pandas, Numpy, Sklearn.

Certificates and Courses:
CISCO – Introduction to Cybersecurity
CISCO – Introduction to Packet Tracer
Kaggle - Introduction to Machine Learning and Pandas
CORE: DAA, DSA, OS, Mathematics for Intelligence
AI-Course: Python for Machine Learning, Robotic Operating Systems, Intelligence of Biological Systems

Project Details

- OBJECT ORIENTED PROGRAMMING:

Restaurant Management System using Java: It is a software application designed to help the restaurant owners and managers to manage and control their operations, improve efficiency and enhance customer experience.

- MATHEMATICS FOR INTELLIGENCE:

Lung cancer prediction using CT scans: Lung cancer prediction using CT scans is an application for mathematics for intelligence where artificial intelligence algorithms are used to analyse medical imaging data and predict the likelihood of lung cancer presence in a patient based on their CT scans.

Covid-19 Analysis: To predict the number of COVID cases using linear regression & polynomial regression and all attributes provided in the data set.

- PYTHON FOR MACHINE LEARNING:

Sentiment Analysis using SVM: Sentiment analysis using Support Vector Machine in python is a machine learning approach to classify the sentiment (positive, negative, neutral) of a given dataset containing reviews and comments of a social media. It is a powerful supervised machine learning algorithm.

- DATA STRUCTURES AND ALGORITHM

Café management system using Java: A café management system is a software application designed to help café owners and managers efficiently manage their daily operations, workflows and enhance customer experience.

- ELECTRICAL ENGINEERING:

Remote Harvester using tinkercad: It uses electrical engineering principles to design and simulate a system for remotely harvesting objects and performing tasks using an application known as Tinker cad.

- INTRODUCTION TO ROBOTICS:

Maze Runner Robot: Created a maze runner robot using raspberry pi by implementing ROS inside it, a physical robot able to navigate through a maze autonomously utilizing ROS framework for communication and control. Using Raspberry pi, 3 ultra-sonic sensors, a L289N motor driver, DC motors, wheels, power supply and jumper wires.

SOFT SKILLS AND PROFESSIONAL SKILLS

Team Work: Considering my teammates as my most trustable apprentice and working with them with full energy and exchanging each and every information when required.

Adaptability: Taking ownership of tasks and responsibilities, giving results with strong sense of accountability.

Leadership: Managing every situation with full energy and overcoming if met with any problem and support every member of my team in all situation.

Time Management: Creating time for every activities and completing every task in the given time.

Communication: Communication is one of the key components when coming to interviews and conference meetings. Open for talking and ready to mingle with everyone.

INTERESTS

- Robotics and Robotic Operating system
- Artificial Engineering
- Python for machine learning
- Travelling
- Gaming
- Chess, football