Ajay Jaggi

Work for the organization which provides me the opportunities to improve my skills and knowledge to grow along with the organization.

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📱 9646227215

INTERESTS

TABLE TENNIS

CHESS   GAMING

SKILLS

C/C++
● ● ● ● ○

Python
● ● ● ● ○

JAVA
● ● ● ○ ○

DJANGO
● ● ● ○ ○

ARDUINO
● ● ● ● ○

MACHINE LEARNING
● ● ● ● ○

EXTRA-CURRICULAR ACTIVITIES

Working for NGO named Kalam

Team member of MARS

Team member of table tennis team.

Team member ISTE during 2017-2018

Member of Event Management Team in Patiala Marathon in 2017.

EDUCATION

CLASS 10TH
Bal Bharati Public School
2012 – 2013   *CGPA:10*

CLASS 12TH
Bal Bharati Public School
2014 – 2015   *PERCENTAGE: 92.6*

B.E. in Computer Science
Thapar Institute of Engineering and Technology
2015 – Present   *CGPA: 9.00*

WORK EXPERIENCE

INTERNSHIP
GE ENERGY CONSULTING

06/2018 – 08/2018
Solar Energy Prediction using ANN's: Developed an application for predicting solar intensity in Rajasthan state using Artificial Neural Networks. Training has been done on weather data from 1981 to 2018.The model predicts solar intensity with an error of 21%.

TECHNICAL PROJECTS

Artificially intelligent grass cutter(On-going)
- Developing self –driven grass cutting machine which automatically detects boundary of the field, grass and flowers using image recognition. The bot will be learning the path on its own using reinforcement learning.

Recommender System
- Using the ratings of the movies given by users the model recommends the related movies. Model runs using Collaborative filtering algorithm.

Gender Prediction
- Developed an application for predicting the gender based on names using Naïve Bayes classifier. Data is preprocessed using NLP techniques

Website development using Python
- Using Django framework developed very basic website to generate random numbers within given range.

Maze Solver bot
- Arduino based bot made using sensors like IR,Ultrasonic,7 – Segment display. Winner at workshop held in college and further participated at IIT Kanpur fest Teckriti.

ACADEMIC ACHIEVEMENTS

Algorithms and Data Structures course from Coding Blocks.

Machine learning course by Andrew Ng on Coursera.

Natural Language Processing course with python on Udemy.

Java certified course from NIIT Dwarka,NEW DELHI.

Consistently in top 10% of CSED batch 2019.