ASHIRBAD
SARANGI

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COMPUTER SCIENCE ENGINEER
RESEARCH ENTHUSIAST

PROJECTS

Analytic Hierarchy Process (AHP) Algorithm library in C++

AHP algorithm is a popular method under the Multi Criteria Decision Making (MCDM) methods used in Machine Learning for selecting the best alternative out of a number of options. This computes the whole output in seconds which otherwise would have taken few days to calculate with precision.

Password Manager Package in Linux

A command line interface for managing passwords in a very secure and secret manner in the open source environment of Ubuntu 20.04.

Finding out Shortest Route using Greedy Methods

This is a variation of the Travelling Salesman Problem (TSP). The program will gives the shortest path using greedy methods to reach at specific nodes under some restrictions of movement.

PUBLICATIONS

A Hybrid Recommender System: Uniqueness of Choices by Using Machine Learning Technique

Digital Conversion on the Way to Industry 4.0
Springer Nature Switzerland AG 2021
DOI : https://doi.org/10.1007/978-3-030-62784-3_1

Integration of Artificial Intelligence and Human Life

International Journal of Scientific Research in Computer Science Applications and Management Studies

Available @:

http://www.ijsrcsams.com/images/stories/Past_Issue_Docs/ijsrcsamsv8i5p17.pdf

SKILLS

`C++` `C` `Python`

`Advanced Algorithms in AI`

`Machine Learning`

`Operating System`

ACHIEVEMENTS

✔ Qualified GATE-2021 in Computer Science Engineering with AIR : 9334

✔ Presented three review research papers at different Conferences, Seminars and Symposiums.

✔ Awarded a Runner's Up prize at a university level speech competition.

✔ Awarded a Distinction in Tabla Third Year Exam from the Akhil Bharatiya Gandharva Viswavidyalaya.

EDUCATION

B.Tech

ICFAI University, Dehradun
CGPA: 9.44 (by the end of 6th Sem)

12th Class

St.Xavier's High School, Kedargouri
Percentage : 84.8%

10th Class

St. Xavier's High School, Kedargouri
CGPA : 10