Akshat Jain

Artificial Intelligence and Data Science | IIT Jodhpur
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EDUCATION

BTECH IN AI AND DATA SCIENCE
IIT Jodhpur | 2020-2024
CGPA: 8.52 till 1st Year

SENIOR SECONDARY
Mata Kastoori Devi Public School | 2020
Percentage: 96

SECONDARY
Salwan Public School | 2018
Percentage:94.8

LINKS

Github:// **akshatjain1004**
LinkedIn:// **akshatjain**

ACHIEVEMENTS

•Branch change from Civil to AIDE
•Trimester-1: Department Rank-1
•Trimester-2: Department Rank-2
•Trimester-3: Department Rank-2

SKILLS

PROGRAMMING
• C++ • Python • Javascript

DEVELOPMENT
• HTML • CSS • Flutter • Django • Vue JS

OTHER SKILLS
• Machine Learning • MATLAB • sklearn
• Git and Tools • Linux

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Mathematics for Computing
Introduction to Computer Science
Linear Algebra
Probability, Statistics and Stochastic Process

EXPERIENCE

ARED: AN ED-TECH STARTUP | ANDROID DEVELOPER
Oct 2021 - Dec 2021 | Link
Frameworks used: Flutter
I worked on the UI of the app, fixed some bugs and added some new functionalities to the application.

PROJECTS

JULIETTE: A VIRTUAL ASSISTANT | Link
Self Project | Using NLP,Python
•designed a voice based assistant using Speech Recognition and pyttsx3 which offers voice activated command controls
•Added functionalities such as greeting on time, opening different apps on desktop, looking and surfing for articles on Wikipedia etc.

HANDLING LARGE DATA-SETS FOR WEATHER ANALYSIS | Link
Project under Dr Amit Sharma | Using MATLAB, Panoply
•Handled a variety of file formats such as netcdf, csv to obtain a number of different plots which can be used for weather analysis
•Processed Large data-sets using different tools in MATLAB for appropriate trend analysis for different physical parameters and correlation between them
•Performed mathematical analysis and tests like Mann Kendall's test and Sen's Slope estimator to mathematically confirm the results obtained

APPLE2SPOTIFY PLAYLIST CONVERTER | Link
Project under Devlup Labs: open source community | Using Vue JS
Designed the logic and created the stepper for the steps the user will have to proceed through for converting his Apple playlist to Spotify Playlist

RAINFALL PREDICTOR | Link
Self Project | Using Python
•Used a dataset available on Github and imported it using Pandas
•Converted it into a numpy array and visualised it using matplotlib •Used sklearn for training,testing and importing the regression models

POSITION OF RESPONSIBILITIES

2022   Joint Secretary, Literature Society
2022   Support Team, Career Development Cell
2022   Core Member, Devlup Labs: Open Source Community from my college
2022   Student Guide
2022   Assitant Head: Prometeo 2022 (Technical fest at IIT Jodhpur)
2021   Junior Exceutive, Entrepreneurship Cell