

AAKRITI SINGH

M.TECH IN INFORMATION TECHNOLOGY

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Education

IIIT-Allahabad

Sep. 2020 – Present

M.Tech in Information Technology GPA: 9.05/10

Prayagraj, U.P

CSA University

July. 2014 – May. 2018

B.Tech in Computer Science and Engineering GPA: 7.75/10

Kanpur, U.P

Technical Skills

- **Languages** : C/C++ , SQL , Python(Basic).
- **Tools** : Jupyter Notebook, Code Blocks, GIT , Google Collab , Microsoft Office.
- **Area Of Interests**: Data Structures and Algorithms, Operating Systems, Programming Practice, Computer Networks , Database Management System, Object Oriented Programming.

Experience

IIIT-Allahabad

Sep 2020 – Present

Teaching Assistant

Prayagraj, U.P

- **Duties**: Supporting classroom activities, including tutoring, grading homework and reviewing exams taking Viva, checking Assignment, solving Doubts, project mentoring etc.
- Assisting teachers with classroom management and document coordination to maintain positive learning environment.

Projects

Distributed Classification Framework | *Python, PySpark, Kaggle ,google colab*

May 2021

- Create a template of classification for large scale data using pyspark and Python.
- I created some functions in pyspark to make an automation, so user just need to update or replace the dataset.
- Logistic Regression, Decision Tree, Random Forest and Gradient Boosting are used in a distributed manner to reduce the computation time and increase the prediction.

Covid-19 Data Analysis | *Python, Kaggle ,Jupyter Notebook*

November 2020

- In this project we analyze the covid-19 cases increase in the state of Maharashtra by bar graph in the python language and applied the hypothesis test on the analysis of data we did.

Entelligent Edusys | *Asp.net, SQL, visual studio*

February 2018

- In this Project I create a web service in which the educational content can be delivered to people at their doorsteps through the online medium.
- It also makes possible the implementation of a universal curriculum across the nation, enabling student across India acquire the same experience in education.

Achievements and Activities

- GATE CSE 2020 – scored **88.45** percentile.
- Graduated with a certificate of Honors.
- Organized Technical fest in college.
- Got First Prize in Debate Competition.