

TANAV SINGH BAJAJ

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OBJECTIVE

Dedicated, goal-oriented, and team-oriented individual who seeks an opportunity to incorporate and apply my skill in the field of Data Science and Research.

EDUCATION

Indian Institute of Information Technology

BTech Information Technology

Bhopal

December 2020 - Present

Indian Institute of Technology

BSc Data Science

Madras

January 2021 - Present

PROJECTS

Tech Blog

<https://medium.com/@tanav2202>

November 2021-Present

- Writing blogs on Medium on topics I have learnt and the pre-requisite for the projects I make.
- These blogs are on various topics including Linux (Commands, File-systems etc) , Statistics (Probability Distributions) Database Management (SQL, Relational DBMS) etc

COVID Info and Analysis

October 2021 - November 2021

<https://www.kaggle.com/tanavbajaj/covid-info-and-analysis>

- Analyzed the situation of COVID during it's worst using Python, Plotly, Numpy and Pandas on **over 8000 Data points with average 20 features each**.
- Attempted to use regression analysis to check relation between Deaths and Confirmed cases in Indian States.

Maths and Statistics Library

September 2021- Present

<https://github.com/tanav2202/Stats-and-ML>

- Enhanced my knowledge by creating a library of python code that explains some statistical and maths concepts.
- The code for topics like Linear Algebra and Probability Distributions using libraries like Numpy, Pandas and Matplotlib.

SKILLS

Mathematics:	Linear Algebra, Statistics, Probability, Basic Calculus
Programming Languages:	Python, C++ ,C
Web Development:	Php, CSS/ Bootstrap, Vanilla Javascript
Libraries/ Frameworks:	Numpy , Pandas , Plotly Express/Dash , Sklearn
Database Management Systems:	SQL , MariaDb and PostgreSQL
Soft Skills:	Public Speaking, Leadership, Communication Skills
Tech Stack:	LAMP (Linux , Apache , MySQL , PHP)

LEADERSHIP /EXTRA CURRICULAR

Google Developers Student Club

Management Lead

IIIT Bhopal

August 2021 - Present

- Incharge of Planning all events and assisting the conductors in making the events a success.
- Person of contact to communicate with other organisations to organise Inter-College events.

GNU/Linux Users Club

Club Secretary

September 2021 - Present

- Guiding students on Software licensing and benefits of open source Url: <https://youtu.be/sonutvM8HDE?t=692>.
- Mentoring to new Linux users and to help troubleshoot common problems because of which **70% of '24 batch** is actively using an Arch distribution.

Kratigence Club

Core Team Member

November 2021 - Present

- Conducting webinars related to Statistics behind machine learning algorithms
- Promoting culture of Data Science in IIIT Bhopal with our discord server being active 24*7.

MISCELLANEOUS

Career Certificates (IT Support)

learnt the basic skills necessary to be an IT support specialist via Coursera in 2020 1. Technical Fundamentals 2. Computer Networking 3. Operating Systems 4. System Admin Services 5. IT Security

Google

2020

Diplomacy Award

for representing New Zealand at the WFUNA International Model United Nations

World Federation of United Nations Associations

2017

State Rank 3 and School Rank 1

International Informatics Olympiad

Silver Zone Foundation

2017