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 — Bhopal
BTech Information Technology — December 2020 - Present

Indian Institute of Technology — Madras
BSc Data Science — January 2021 - Present

PROJECTS

Statistics Blog — November 2021-Present
`https://medium.com/@tanav2202`

- In process of writing blogs on Statistics topics that aren't easily available.
- These include topics such as Random Variables and Statistical Distributions which are important for Data Science.

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
Soft Skills:	Public Speaking, Leadership, Communication Skills
Tech Stack:	LAMP (Linux , Apache , MySQL , PHP)

POSITIONS OF RESPONSIBILITY

Google Developers Student Club — IIIT Bhopal
Management Lead — 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.

CERTIFICATES

Career Certificates (IT Support) — Google
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

2020

Diplomacy Award — World Federation of United Nations Associations
for representing New Zealand at the WFUNA International Model United Nations — 2017

State Rank 3 and School Rank 1 — Silver Zone Foundation
International Informatics Olympiad — 2017