

# Shubham Tiwari

## Curriculum Vitae

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<https://github.com/Shubham18024>



*" Dream, dream, dream. Dreams transform into thoughts and thoughts result in action."*

### Personal Details

Birth 2005/14/05  
Family Status Unmarried  
Nationality Indian

### Education

2022–Present **Undergraduate**, University of Delhi, Delhi, Expected Graduation: 2026  
B.Sc (Hons) Mathematics  
2021–2022 **Higher Secondary**, Rajkiya Pratibha Vikas Vidyalaya, Hari Nagar, Delhi,  
93.8%  
2019–2020 **Secondary**, Government Boys Senior Secondary School, Naraina Village,  
Delhi, 95.6%

### Work Experience

2022–2023 **Volunteer**, SFI Delhi, (Computer Science Teacher)  
2023–Present **Project: Benford's Law Video Analysis**, [https://github.com/Shubham18024/Benfords-Law\\_VideoAnalysis](https://github.com/Shubham18024/Benfords-Law_VideoAnalysis)

- Conceptualized and independently developed a project inspired by the Netflix Documentary "Connected", focusing on the analysis of videos and images using Benford's Law to distinguish between AI-generated and authentic content.
- Implemented a Python script that processes video or image input, decomposes it frame by frame, applies Benford's Law to each frame, and calculates an average result across all frames.
- Currently working on this ongoing project, which is not yet fully developed.

2024–Present **Developed**, Freexy, <https://shubham18024.github.io/Freexy/>

- Founded and developed Freexy, a centralized platform dedicated to simplifying access to free alternatives to paid software and websites.
- Designed and implemented the website to save users valuable time and effort by providing a comprehensive collection of free resources, empowering them to fulfill their needs without the burden of costs.

2024–Present    **Research Intern**, *Statistical Analysis of Data*, [https://github.com/Shubham18024/Census\\_Analysis](https://github.com/Shubham18024/Census_Analysis)

- Engaged in a research internship focused on statistical analysis of demographic data to uncover trends and insights from census datasets.
- Conducting thorough analyses of population distributions, demographic trends, and other relevant metrics to derive meaningful interpretations.

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## Language Skills

♥️🔪Hindi    Native Language  
~> English    Fluently  
~> Punjabi    Elementary proficiency

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## Special Skills

Programming    ♥️🔪Python, ♥️🔪Maxima, ~> HTML, ~> CSS, ~> Bootstrap and ~> javascript  
Software    L<sup>A</sup>T<sub>E</sub>X, IBM SPSS, Microsoft office suite  
Other    Vedic mathematics, Leadership

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## Achievements and Interest

- ♥️🔪 **Won Third Prize in District-level Science Project Exhibition**
  - The project aimed to convert Delhi's garbage into energy. The idea focused on setting up proper execution to make Delhi clean and green
- ♥️🔪 Won First Prize in All Over India Sanskrit Quiz Competition
- ♥️🔪 Interest in **Machine Learning and Artificial Intelligence**