

# TANISH GUPTA

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## Education

### Indraprastha Institute of Information Technology, Delhi

B.Tech

2016 – Present

**CGPA:** 8.86

(till 6<sup>th</sup> Semester)

### Delhi Public School, R.K.Puram, New Delhi

CBSE

2015 – 2016

**Percentage:** 96%

### Delhi Public School, R.K.Puram, New Delhi

CBSE

2013 – 2014

**CGPA:** 10

## Skills

### Programming Language

C++, Java, Python, HTML, CSS, MYSQL

### Tools and Technologies

Adobe Lightroom, GitHub, Eclipse, NetBeans, Arduino, MATLAB, FireBase, RaspberryPi, SciKit learn, Selenium

### Courses

Data Structure and Algorithm, Data Warehouse, Data Mining, Fundamentals of DBMS, Probability and Statistics, Foundation of Finance, Discrete Mathematics, Linear Algebra, Gamification (Online), Computer Networks, Analysis and Design of Algorithms, Operating Systems

## Projects

### Business Intelligence Solution (MongoDB Web scrapping Ontology) DeepBlueInsights

GUIDE - Prof Vikram Goyal

Worked on enhancing the user experience of purchasing electronic items, primarily TVs, by providing personalized suggestions based on their needs. Managed their database, did ETL of data and formulated models to develop a solution for providing personalised assistance.

(FEB'19 - APR'19)  
Team Size - 1

### Personality Prediction Model (DATA MINING NLTK Bag-Of-Words)

GUIDE - Dr Sumit Bhatia (IBM Research)

Analysed **major characteristics and traits** of a person from their social media post and then classified him into major **personality classes** based on the MBTI model. Used NLTK and python libraries for pre-processing and feature extraction and used BOW and sentiment analysis for classification

(MAR'18- APR'18)  
Team Size - 3

### Events Database Management System (JAVA JAVA FX MySQL)

GUIDE - Prof Vikram Goyal

A simple application that would process various **sql queries** on the databases (tables) required to organize an event and returns suitable results

(MAR'18- APR'18)  
Team Size - 2

### Classroom Management (JAVA OOPS DATABASE)

GUIDE- Prof Vivek Kumar, Assistant Professor, IIITD

A system which works on the **database of Classrooms**,

(SEP'17- NOV'17)  
Team Size - 2

**students and faculty** of an institution and manages booking of classrooms and lecture halls for the courses and other activities as per the request, also **manage courses** taken up by the students.

## Internships

**DUNNHUMBY** (HDFS, PySpark, InfluxDB, Graphana) (MAY'19 - JUN'19)  
**Summer Analyst - Data Engineering team**

Primarily worked on the dh\_gaulity package of dunnhumby for various markets, to evaluate the quality of data published and finding trends from that data. Along with it, implemented GDPR for tesco\_hu & tesco\_cz, which enables users to exercise their rights over their data.

**AUTOVEND** (Python, Raspi, ML, IOT) (MAY'18 - JUL'18)

GUIDE - Prof Pravesh, Assistant Professor, IIITD

An automated vendor system which will automatically record items picked out from the vending machine **without human interference**, an inspiration from Amazon Go. Access through OTP or QR and payment will automatically be deducted from E-Wallet

## Positions of Responsibility

- **Mentor | Student Council** (APR'19 - Present)
- **President | Tasveer** (APR'19 - Present)
- **Treasurer | Student Council** (APR'18 - MAR'19)
- **Nirvana Head | Odyssey'19** (OCT'18 - JAN'19)
- **Core Committee | Induction'18** (JUN'18 - JUL'18)
- **Co-ordinator | Media Panel** (APR'18 - MAR'19)
- **Finance Committee | Research Showcase'18** (FEB'18 - APR'18)  
Managed the financial resources of the biggest research event at IIITD.
- **Marketing and Sponsorship Head | ODYSSEY'18** (OCT'17 - JAN'18)  
Raised a cash-sponsorship of 14.65L (22L total), increasing it by 100% from last edition. Contacted 300 companies and managed team of 200.
- **Sponsorship Team | ESYA'17** (JUN'17 - AUG'17)  
Raised over 25% of the complete cash budget (8L) single-handedly of the biggest tech-fest.
- **Founding Member | Everste** (JUL'17 - Present)  
Started a club at IIITD, celebrating maths in different ways.
- **Member | Media Panel** (AUG'17 - APR'18)  
Captured most memorable moments of major events at IIITD.
- **Event Head | Food Binge** (DEC'16 - MAR'17)

## Awards and Achievements

- Deans List for Leadership for AY 2018-2019.
- Deans List for Academic Excellence for AY 2018-2019.
- Deans List for Communications for AY 2017-2018.
- Winner Picturesque(3.1) - Best portrait
- Deans List for Academic Excellence for AY 2016-2017.
- Scored a Full Score in Chemistry (100/100) in AISSCE 2016

## Interests and Hobbies

- Photography
- Cooking
- Travelling

## BLOGS

- [tanishguptablog.wordpress.com](http://tanishguptablog.wordpress.com)
- [discoveringtechs.wordpress.com](http://discoveringtechs.wordpress.com)