

Tanya Gupta

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CSE UG (III Year) at Indraprastha Institute of Information Technology Delhi

EDUCATION

- **BTech CSE** **CGPA: 9.70/10**
IIIT Delhi
2019-2023
- **Class 12(CBSE)** **96.6/100**
Delhi Public School, Sec-19, Faridabad (Haryana)
2018-2019
- **Class 10 (CBSE)** **CGPA:10/10**
Modern Vidya Niketan Sector- 17, Faridabad (Haryana)
2016-2017

WORK EXPERIENCE

- **Microsoft Engage Mentee** (Jun'21-Jul'21)
Implemented a Microsoft Teams Clone using `express.js`, `socket.io` and `peer.js` frameworks of `node.js`
- **Researcher at LCS2, IIIT Delhi** (May'21 -)
Working as a researcher in **Dialog Summarisation** using NLP and Deep Learning at the Laboratory for Computational Sciences, IIIT Delhi
- **Volunteer at Summer Camp** (May'21-Jun'21)
Was responsible for creating the modules for and teaching Entrepreneurship to students from class 7-11 at the Summer Camp conducted by IIIT Delhi

SKILLS

- **Programming Languages**
C++, Java, C, Python
- **Tools & Technologies**
nltk, matplotlib, scilearn, pandas, numpy, MySQL, Node.js, pygame(Python), HTML, CSS, JavaScript, Eclipse, Linux, Git, Github
- **Courses**
Data Structures and Algorithms, Algorithm Design, Database Management, Object Oriented Programming, Operating Systems, Probability and Statistics, Web Development, Machine Learning, Deep Learning, NLP

AWARDS and ACHIEVEMENTS

- Global Rank **283** in Google **CodeJam to I/O** 2021
- Global Rank **842** in Google **KickStart Round B** 2021
- Global Rank **546** (India Rank **24**) in Google **CodeJam** 2021 Qualifications round
- Awarded the **NTSE** scholarship, 2017 by NCERT
- **Dean's List of Academics** for 2 years- 2020 and 2021
- **99.8** percentile in **JEE Mains-2019** (Rank 2872)
- World Rank **734** in **Codechef's Lunchtime** Feb 2021
- **Gold Medalist**(scholar for 7 consecutive years),DPS-19

PROJECTS

- **Product Category Predictor**
Built a model to predict the category of a product from its description using **NLP** techniques like Bag of Words using the **Naive Bayes** Algorithm
- **AVAAS**
An implementation of a database in **MySQL** for efficient construction and allotment of houses by bringing together the contractors, government and general public.
- **Linux Shell**
Created my own version of the linux shell and implemented some of its basic commands using the `fork()`, `exec()` and `wait()` system calls in **C language**
- **Web App**
A demo website built using **HTML**, **CSS** and **JavaScript** with a **Google oAuth login** system, hosted on **Heroku**
- **Color Switch**
Implemented the desktop version of the famous Color Switch game using the **JavaFx** library of **Java**, using OOPS concepts and design patterns.