

Gaurav Jain

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Indian Institute of Technology, Delhi

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Academic Qualifications

Year	Degree/Board	Institute	CPI/%
2019 - Present	B.Tech in Computer Science and Engineering	Indian Institute of Technology, Delhi	9.224/10
2019	CBSE (XII)	Gyan Ganga International Academy, Bhopal	94.4%
2017	CBSE (X)	St. Paul Sr. Sec. School, Bhopal	9.8/10

Scholastic Achievements

- Secured **All India Rank 93** in **JEE Advanced 2019** among 161,000 candidates.
- Secured **All India Rank 213** in **JEE Mains 2019** among 1.15 million candidates.
- Selected for **KVPY Fellowship** by Dept. of Science & Technology, Govt. of India
- Selected for **National Talent Search Examination Scholarship** in 2017 by NCERT, New Delhi.
- Qualified **National Standard Examination in Chemistry** (NSEC) in the year 2018-19, being in the top 1% in country.
- Qualified **National Standard Examination in Astronomy** (NSEA) in the year 2018-19, being 2nd in the state.

Technical Skills

- **Programming Languages:** Python, C, C++, Java, HTML/CSS
- **Software and Libraries:** Git, AutoDesk-Inventor

Course Projects

- **Dynamic Memory Allocator** (November'20)
Implemented Dynamic Memory Allocator using Doubly-Linked Lists, Binary Search Trees and Balanced Binary Trees (AVL Tree) in Java language for the course Data Structures and Algorithms.
- **Image Processing** (November'19)
Implemented basic image processing techniques like Edge Detection, Average Filter and Minimum Energy Path in Python language for the course Introduction to Computer Science.

Relevant Courses

Data Structure and Algorithms Computer Architecture*(ongoing) Introduction to Probability and Stochastic Process Discrete Mathematical Structures Signals and System*(ongoing) Calculus	Design Practices*(ongoing) Digital Logic and System Design Programming Languages*(ongoing) Introduction to Computer Science Introduction to Electrical Engineering Linear Algebra and Differential Equations
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Online Courses

Neural Networks and Deep Learning (Coursera)	Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization (Coursera)
Introduction to Data Science in Python (Coursera)	Statistical Data Visualization in Python (Coursera)

Internships

- **Edvizo: Mathematics Expert** (May'20- June'20)
Mentored students preparing for JEE Mains and Advanced and conducted doubt solving sessions via online mediums focusing mainly on improving problem solving skills of students in Mathematics.

Positions of Responsibility

- **Project Representative, National Service Scheme (NSS), IIT Delhi** (June'20-Present)
NSS is a social services organization that consists of students of IIT Delhi. I am a Project Representative in projects of NSS like Social Innovation Cell (SIC) and Science Seeds.

Extra-Curricular Activities

- Worked as a volunteer in **BloodConnect**, a non-profit organization trying to make India blood sufficient.
- Worked as a **JEE Mentor** for four students for a non-profit initiative **Quaran-Teach** which had 300+ students across the country.