

Arpit Gupta

Second Year Undergraduate
Computer Science & Engineering
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Educational Qualifications

| Year | Degree | Institute | CGPA / % |
|-----------|-----------|--|------------------|
| 2016-2020 | B.Tech | Indian Institute of Technology, Kanpur | 9.81/10.0 |
| 2016 | Class XII | M.M. Public School | 94.4 % |
| 2014 | Class X | Bal Bharati Public School | 10.0/10.0 |

Academic Achievements

- Secured an All India Rank of **526** in **JEE-Advanced** (taken by over **150,000** selected students) (2016)
- Secured an All India Rank of **1247** in **JEE-Mains** (taken by over **1.3 million** aspirants) (2016)
- Secured an All India Rank of **188** in **KVPY** (Kishore Vaigyanik Protsahan Yojana) exam (2016)
- Recipient of **Kishore Vaigyanik Protsahan Yojana (KVPY) Fellowship** in 2016 that was awarded to **1100** students from over **100,000** applicants by the Department of Science and Technology, Govt. of India (2016)
- Accomplished **National Standard Examination in Chemistry (NSEC)** conducted by Teachers (**IAPT**) (2016)
- Secured a position among **Top 1%** state wise in **National Standard Examination in Physics (NSEP)** (2016)
- Accomplished **pre-final stage of National Talent Search Examination (NTSE)** (2014)
- Received **Academic Excellence Award** for 2016-2017 session for **excellent performance** in First Year (2017)

Technical Strengths

- Programming Languages : **C/C++ , Python, MATLAB, Octave, PHP (Basics), Shell**
- Platforms : **Windows, Linux**
- Web Development : **HTML, Cascading Style Sheets (CSS), Javascript/Typescript, Angular**
- Other Tools : **Pygame, Unity, AutoCAD, Adobe Photoshop, Corel Draw, Adobe Pagemaker, GitHub, MS Office**

Internships and Projects

- **Quantitative Trading Algorithm**, *a Machine Learning Project under Auquan , (December-2017)*
 - Constructed a program to **predict the future stock prices** with high accuracy
 - Many different **Machine Learning Algorithms** were employed to implement the project
 - Different **python libraries** were used to **maximize profit** margin by varying volume of stocks held
- **Front End Developer**, *Aggarwal Real Estate, Gurugram, (May-July 2017)*
 - Adjudged as one of the **best interns**, while being a freshmen
 - Made a **website** using **Angular with Typescript, XHTML and CSS**
 - Designed many **3D components** along with a **search bar with filter adjustments**
 - Completed the project along with some basic development of **Android App**
- **Manufacture of Hand Juicer**, *Course Project, (August-November 2017)*
 - Constructed and implemented **working model** of a **Hand Juicer** from **scratch**
 - Used methods like **swaging, brazing, welding, sheet metal forming, casting** etc.
 - Designed the **working AutoCAD model** of the Hand Juicer
 - Led the team to complete the project well under time while improvising with the hardships

Coursework , related to Computing

- Introduction to Computing
- Logic for Computer Science
- Discrete Mathematics
- Abstract Algebra
- Data Structures and Algorithms (online course)
- Machine Learning (online course)