

Prateek Garg  
Electrical Engineering  
Dual Degree[ B.tech + M.tech ]  
Minor in Computer Science and Engineering  
Indian Institute of Technology Bombay

20D070060  
UG Second Year  
Male  
March 30th 2002  
CPI: 8.36

## Scholastic Achievements

- Secured **All India Rank-762** in *JEE-Advanced*. ('20)
- Obtained a **Percentile Score of 99.76** in *JEE-Mains*. ('20)
- Awarded *Kishore Vagyanik Protsahan Yojana(KVPY)* fellowship for **All India Rank 200** by **Indian Institute of Science(IISC)** under SX-Stream. ('20)

## Academic Projects

**Game Development in C++** | Course Project (Jan '21 - Feb' 21)  
Guide: Prof. Bhaskaran Raman, Departement of Computer Science & Engineering

- Utilized a basic template of a game 'Lasso' to enhance the feature set.
- Learned basic aspects of object oriented Programming.

## Technical Skills

<b>Languages</b>	C/C++, Python, Java, Bash, VHDL(Hardware Description)
<b>Softwares</b>	Git, L <sup>A</sup> T <sub>E</sub> X, Markdown, Android SDK, GNU Radio
<b>Development</b>	HTML,CSS,Javascript

## Key Courses (\*Ongoing)

<b>Physics</b>	Quantum Physics and Appliactions, Basics of Electricity And Magnetism
<b>Maths</b>	Basic Calculus, Vector Calculus, Linear Algebra, Differential Equations, Complex Analysis, Partial Differential Equations*
<b>Chemistry</b>	Organic and Inorganic Chemistry, Physical Chemistry
<b>Computer Science</b>	Computer Programming and Utilization, Logic for Computer Science*
<b>Electrical Engg.</b>	Introduction to Electrical Engineering Practice, Power Engineering,Probability and Random Processes*,Signal Processing*,Digital Systems+Lab*,Analog Circuits*
<b>Misc.</b>	Engineering Graphics & Drawings, Biology, Economics*

## Extra-Curricular Activities

**Student Volunteer** | NSS IIT Bombay (Nov '20-July '21) Sustainable Social Development Volunteer

- Created Blog posts and a series of whiteboard animations to spread knowledge and awareness on many issues.
- Overall Winners amongst 16 teams participated in Debate Competition conducted over a course of a month. (May '21 - June '21)