



**Dhruv Nigam**  
**Electrical Engineering**  
**Indian Institute of Technology, Bombay**  
**Specialization: Communication & Signal Processing**

**11D070032**  
**UG Second Year**  
**Male**  
**DOB: 26/04/1993**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2013	8.02
Intermediate/+2	CBSE	Jaipur School	2011	88.00
Matriculation	CBSE	Maheshwari Public School	2009	91.50

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## Academic Accomplishments

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- **All India Rank-332 in IIT-Joint Entrance Exam (2011)** amongst over 500,000 appearing students.
- Was among the **top 0.2%** of all students appearing for the **All India Engineering Entrance Examination**.
- Got a perfect grade in a **Computer programming and utilization** course under Professor Soumen Chakraborty.
- Got a perfect grade in **Physics lab** course.
- Currently pursuing a **Minor** in the **Humanities Department**.

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## Positions of responsibility

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- **Debating and literary secretary** of my hostel having over 600 inmates.
- Working as a co-ordinator for Techfest 2013, Asia's largest technical festival.
- Was an active member of the **organising team of Mood Indigo 2012(College cultural Festival)** as well as **Techfest 2012**.
- Member of the **Hostel Vigilance committee**.

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## Skill Sets

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- Highly Proficient in **C++/C**.
- Know *event driven programming* using **Visual C++**.
- Basic Mechanical skills: Welding, Lathe, Shaping, Pattern making and fitting.
- Proficient in the use of Windows operating System and associated software e.g. Microsoft Office.
- Familiar with simulators Wolfram **Mathematica**, **LT Spice** and programming in **MATLAB**.

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## Projects

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- **Indian Export trends since liberalisation**

Collected and Analysed the data obtained from different government sources to make a 20 page report on the trends of Exports from Indian since 1991 and later gave a presentation for the same as a part of a minor course.

- **GLCD Video Game**

Implemented a simple video game using a Graphic liquid crystal display and a Complex Programmable Logic device. I had to develop proficiency in **GLCD** Interfacing as well as hardware implementation language **VERILOG**.

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## Technical Accomplishments/Activities

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- Built a **wireless remote controlled car**, making use of an **RF receiver circuit** for the Techone competition.
- Represented the hostel in **Technical G.C.** and bagged the 6th position out of 14 hostels.
- Active **Volunteer for Electrified Session** for the freshman orientation of the technical club of the institute.

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## Sports

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- Completed a two semester course in football under the **National Sports Organisation**.
- Was part of the **Under 17 Football Team** of my school and represented it in many inter school events.
- Participated in the **Hostel Football Premier League** in freshman year as well as sophomore year.

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## Co- Curricular Activities

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- Stood **First In Stand-Up Comedy** in the institute in my freshman year.
- Represent the hostel in dramatics, music and stand-up comedy events throughout the year for which I was awarded **Hostel Cultural colour(2012-13)**
- Was part of the acting team in the **Performing Arts festival** IIT Bombay for the last two years.
- Have been playing the guitar and studying music theory for over two years.
- An active member of the Hindi and English speaking clubs.
- Represented Hostel in **Hindi Debating G.C.**