



Shubham Goyal
Mechanical Engineering
Indian Institute of Technology Bombay
Specialization: Computer Integrated Manufacturing

12D100010
UG Second Year
Male
DOB: 29/03/1994

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2014	8.23
Intermediate/+2	HSC	Pace Junior Science College, Nerul	2012	92.33
Matriculation	CBSE	Delhi Public School, Nerul	2010	96.40

SCHOLASTIC ACHIEVEMENTS

- Secured an IIT JEE 2012 **AIR of 631** and **AIR 3** in Manipal institute entrance exam
- Selected for **second level interview stage** for KVPY(Implemented by IISc, Bangalore). [2010]
- Among **national top 1%** in Physics Olympiad and **state top 1%** in Chemistry Olympiad. [2012]
- Blue tie holder** in school (Awarded for continuous exceptional academic performance).

MAJOR ACHIEVEMENTS

- Part of the team of 21 for **49th Inter IIT athletics camp** as long distance runner. [December 2013]
 - 12 days long intense official training to prepare for the annual sports meet.
 - Among top 5 in the institute in the 5000m run event.
- Class Representative** of mechanical engineering second year students. [August 2013-Present]
- Won **Silver medal** at ITC, 2013(Institute Tennis Championship).
 - Institute level lawn tennis competition in which all players are divided into teams.
- Ranked among top 20** lawn tennis players in the institute and acted as **interim coach** during Beginner's Lawn Tennis Summer Camp. [August 2013-Present]
- Secured **seventh position** in Crossy G.C.(over 500 participants), **second position** in Sophie Crossy(over 200 participants) and **fifth position** in Independence Day Biathlon. [August 2013]
- Performed in the **dance G.C.** (Gyrations) and **dramatics G.C.** (secured second position) [2013]
- Worked as an **actor in PAF**(Performing Arts Festival) and part of the **prod team** which won the first prize. [March 2013]
- Pursuing an advanced **French language** course in the institute.

POSITIONS OF RESPONSIBILITY

- Class Representative** of second year mechanical undergraduates [August 2013-Present]
 - Relaying the grievances of students to professors in a diplomatic manner.
 - Forming a common opinion in the class.
- Marketing and media coordinator** at IIT B Racing. [August 2013-Present]
 - Involved in getting sponsorship for the team in either cash or kind or both.
 - Generating publicity through media about the project and its achievements.
- Coordinator** of team Media, Mood Indigo. [June 2013-Present]
 - Garnering publicity for Asia's largest cultural festival through both print and digital media.
 - Mentoring freshmen in the team and getting them involved in the activities of the team.
- 1 month **teaching** and **JEE mentorship** experience at PACE coaching classes. [June 2012]
 - Taught students of grades 9, 10 and 11 and mentored the grade 12 students on preparing for IIT JEE 2013.

OTHER NON TECHNICAL SKILLS AND ACHIEVMENTS

- Joined Beginner's Basketball Summer Camp and participated in table tennis and badminton(secured third position) inter hostel championships(GC's) . [2013]
- Made a **short eloquent film** as part of endsem project under the course ID 404.
- Joined basic courses of Hip Hop dance, Bollywood dance, guitar, tabla, drums, keyboard over time.
- Performed as an actor in school in French, Hindi and English plays.

TECHNICAL ACTIVITIES AND ACHIEVEMENTS

- Designed and developed the **first ever tricopter** of IIT Bombay. [May 2013]
 - Analysed **aerodynamic concepts** for designing and used various **sensors**.
 - Completed the project in just 18 days of the 45 day timeline given under ITSP.
- Completed **summer internship**(Mechanical section) under IIT B Racing. [May 2013]
 - Analysed the various dynamics involved in a race car.
 - Worked with seniors directly involved in designing and construction of the car.
- Also **part of teams that built**
 - Robotic hand gripper integrated with autonomous line follower, [October 2012]
 - RC plane, [November 2012]
 - RC car under XLR8, a competition conducted by STAB. [August 2012]

SOFTWARE SKILLS

- Knowledge of **basic usage** of Solidworks, MATLAB, Eagle, AutoCAD, Photoshop, Spice, C++, Scratch, HTML.
 - Used C++ to develop a quiz game on the lines of Kaun Banega Crorepati and Scratch to develop a game, Ball Balancing, as part of the curriculum. [2013]
 - Finalized the design for the tricopter on Solidworks. [May 2013]
 - Worked with MATLAB, Eagle, Spice and Solidworks while doing internship under IIT B Racing. [May 2013]

OTHER INTERESTS

- **Keen to travel**, especially abroad. Have been to Europe and South East Asia as a tourist.
- Pursuing **interest in chemistry** by opting for an additional course, CH 211.
- Like to **interact** with new people and **explore** new avenues.
- Huge **sports enthusiast**. Well aware of current affairs. **Keen participant** in debates and quizzes.