	Soumil Gurjar	100100020
	Mechanical Engineering	UG Third Year (B.Tech.)
	Indian Institute of Technology, Bombay	Male
	Specialization: None	DOB: 15-05-1993

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	8.50
Intermediate/+2	Maharashtra State Board	Sathaye College, Mumbai	2010	90.83
Matriculation	Maharashtra State Board	Yashodham High School, Mumbai	2008	93.53

❖ *Academic Achievements:*

- Secured **All India Rank - 408** in **IIT-JEE '10** among 470000 candidates (99.91 percentile).

- Secured **State Rank - 46** & **All India Rank – 502** in **AIEEE '10**

- Secured **94.86%** in **PCM** at HSC board Examinations.

- Secured **194/200** in Maharashtra Common Entrance Test (**MHCET '10**), and was among the top **150** rank all over Maharashtra. [May '10]

❖ *Internship:*

- ➢ **SKF India Ltd, Pune:**[world leader in roller bearing manufacturing] [June-July '12]
- Worked in the **Six Sigma** division as a member of the **Quality control** team on the deep groove ball bearing (DGBB) manufacturing line.
- Designed experiments (**DOEs**) to decide values of machine parameters with use of **Minitab** Statistical analysis software.

❖ *Projects:*

- **Battleship Game** (CS101 course project, under Prof. R.K.Joshi): [Feb '11]
  Designed the AI and graphics for the 'Battleships' game for single and multiplayer using C++ programming and advanced FLTK graphics.

- **Lights Out Game** (under Electronics club): [May '11]
  Built an electronics game involving LED matrix which needed to be solved by intense logic.

- **PID Controller** (Digital Electronics course project, under Prof. D.K.Saha): [Nov '11]
  Made a presentation for the working of the circuit of PID (Proportional-Integral-Derivative) Controller.

- **Trackmania** (event for freshmen by Technical club of IITB): [Aug '10]
  Built a unique miniature remote controlled car having Variable speed drive (VSD) in all motors and capable of running upside-down with same controls in case of toppling.

❖ *Computer Skills:*

- Softwares: **Minitab 16**, **Eagle**, **LabVIEW**, **MS Office**.

- Programming languages: C, C++

- Microcontroller programming using **KEIL μVision** and **Flash Magic**.

- Operating Systems: Windows 7/XP, Ubuntu.

❖ *Positions of Responsibilities:*

- **Organizer, Ozone, "Techfest 2011" (**Technical Festival of IIT Bombay)**:**
  Part of organisers which looked over the 'gaming' and 'crowd entertainment' section of the festival.

- **Organizer, Competitions, "Mood Indigo 2010" (**Asia's Largest Cultural Festival)**:**
  Helped organising competitions of all genres from literature to music.

❖ *Extra-Curricular:*

➢ **Sports:**
- **Won** the **bronze medal** at **Inter IIT Sports Meet** in **Table Tennis** team event.   [Dec '11]

- **Won** the **Mumbai inter-club Division 'C' table tennis** team tournament for Goregaon Gymkhana.   [May '06]

- **Won** the **inter hostel general competition (TT GC)** as hostel 2 Table Tennis team member.   [Aug '11]

- Awarded **bronze** medal in **Karate** at Raigad Military Camp.   [May '03]

- Participated in the Mumbai district chess tournament.   [Dec '02]

➢ **Literature:**
- Won **3rd place** in Mumbai district inter-school **Marathi elocution** competition.   [Jan '07]

❖ *Interests:*

- Keen follower of sports like cricket, tennis and football.
- Great interest in computer gaming and game designing.
- Crime and detective novels and movies.