Gaurav Sultania   100040057
Civil Engineering   UG Second Year
Indian Institute of Technology, Bombay   Male
                                                      DOB: 13 oct 1990

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	6.82
Intermediate/+2	CBSE	DPS Mathura Road	2009	88.40
Matriculation	ICSE	St. Paul's School	2007	90.33

SCHOLASTIC ACHIEVEMENTS

- Selected among top 0.9% of around 0.47 million candidates who appeared in **IIT-JEE** 2010
- Selected among top 0.9% of around 1.1 million candidates who appeared in **AIEEE** 2010
- Secured All India Rank 547 and State Rank 64 in **10th National Science Olympiad** 2007
- Secured All India Rank 596 and State Rank 62 in **8th National Cyber Olympiad** 2008
- Secured Top 10% in **International Physics Olympiad**
- Secured a perfect 10 in a core course **Computer Science Programing Language C++**
- Represented school in **IYMC(International Young Mathematician Convention**) 2006 held in CMS Lucknow
- Represented school in **Science Talent Fiesta** 2007, the annual technical fest of DPS Mathura Road, New Delh
- Pursuing a Minor Degree in the department of **IDC (Industrial Design Centre)**
- Awarded a cup of recognition in academic front from **Marwari Sammelan commmitte** in **Medha Samman Samaroh** 2010

POSITION OF RESPONSIBILTY

- Working as **Music Secretary** of Hostel 5
- Working as a **Coordinator** for Techfest 2012, the annual technical fest of IIT Bombay
- Worked as an **Organizer** for Techfest 2011, the annual technical fest of IIT Bombay
- Worked as a **Group leader** for CS101 Project Team

EXTRA-CURRICULAR ACTIVITIES

- Successfully underwent rigorous physical and mountaineering training under **BMC (Basic Mountaineering Course)** from Atal Bihari Vajpayee Institute for mountaineering and Allied Sports(ABVIMAS), Manali
- Secured 1st position in group dance competition in **Freshiza** 2010
- Danced in **AIDS(Annual Insync Dance Show)** 2011, showcasing performance of various genres to an excess of 800 people
- Performed (danced) in **Kalaghoda 2011**, the biggest art festival of Mumbai
- Performed (danced) in **PAf(Performing Arts Festival)** 2011, the biggest cultural extravaganza of IIT Bombay
- Designed a wireless remote control car for **Trackmania 2010**, a technical competition
- Was in the **Hostel Freshie Hockey Team** of hostel 3
- Completed an year long course of **Guitar** as a part of NSO(National Sports Organization

ACADEMICS PROJECTS

- **Shared Contact Book**
  Under the guidance of Prof. D.B.Phatak, worked in a group to design a user friendly

Shared Contact Book Application in C++ language, implementing,
- o Ez Windows for GUI
- o concepts of classes
- o data and file handling

- **Market Study Of Monopoly In Search Engine Market**
  - o Worked in group of 4 members and researched upon the various trends/policies followed by **GOOGLE** in capturing the market
  - o Analyzed the advertising practices, market value and strategies in search engine market as a group project in HS 101 Economics course under the guidance **of Prof Haripriya Gundimeda**
- **IDC Project**
  Working on a project on **designing ambigrams** under prof B.K.Chakravarthy

TECHNICAL SKILLS

- Designed a wireless remote control car for **Trackmania 2010** ,a technical competition amongst freshers
- Designed a **line following bot** which follows a white line on a black background involving circuit design using infrared **LED**s for ambient light detection

COMPUTER SKILLS

- **Programming Languages :** C, C++, JAVA, HTML
- **Operating System :** Windows 98/XP/7 and Ubuntu
- **Softwares :** Microsoft Office, DreamWeaver, Sony Vegas

KEY COURSES UNDERTAKEN

- MATHS - Calculus, Linear Algebra, Ordinary and Partial Differential Equations, Probability and Statistics, Advanced Differential Equations.
- DEPARTMENT COURSES – Engineering mechanics, Solid mechanics, Fluid mechanics
- OTHERS - Physical, Organic and Inorganic Chemistry, Electromagnetism, C++, Data Interpretation and Analysis, Economics, Introduction to Electrical and Electronic circuits

TECHNICAL LABS
- Mechanical workshop: Learnt about and performed various mechanical techniques like welding, fitting, shaping, lathing etc.
- Engineering drawing: Studied various aspects and views of engineering drawing.
- Solid mechanics: Studied various types of stresses and strain acting on different bodies.
- Fluid mechanics: Learnt about different types of fluid mechanisms, flow measuring techniques.
- Chemistry and Physics Lab