



Tushar Shrivastava
Civil Engineering
Indian Institute of Technology, Bombay

110040039
UG Second Year
Male
DOB: 02/06/1993

Examination	University/Board	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2010	7.19
Intermediate/+2	CBSE Board	St. Joseph's School, Kota	2009	89.8
Matriculation	CBSE Board	St. Paul's School, Kota	2007	91.8

SCHOLASTIC ACHIEVEMENTS

- Secured All India Rank of **1224** in IIT Joint Entrance Examination 2011 (**top 0.2%** out of **4,85,000**)
- Secured All India Rank of **4514** in All India Engineering Entrance Examination 2011 (**top 0.25%** out of **10,00,000**)
- Secured 10th position in Insight National Talent Hunt.
- Secured 99 percentile in National Level Science Talent Search Examination (NSTSE-2009).
- Secured 96 percentile in International Mathematics Olympiad (IMO-2009).
- Secured 97 percentile in National Science Olympiad (NSO-2009).

KEY ACADEMIC PROJECTS

C++ Project (Guide: Prof.D.B.Phatak) (2011-2012)

- Created a Hospital Database Management System in C++ which was a GUI using EzWindows
- Used UID concept and authentication system in project development

RF Circuit powered vehicle (2011-2012)

- Designed a wireless, RF Circuit powered vehicle under the programme **Techone**.
- The objective was to complete a track, with several mechanical obstacles, in minimum amount of time

Line Follower Bot (2011-2012)

- Designed a line follower bot using IR-sensor and LED.
- The task was to follow a white track in minimum time.

TECHNICAL SKILLS

- **Programming Languages/Tools:** Java, C/C++ , HTML, Java, CSS, JavaScript, PHP, Python
- **Operating Systems:** Microsoft Windows, Ubuntu (Linux)
- **Application Software:** Microsoft Office, Adobe Photoshop, MySQL, Adobe Flash, Adobe Dreamweaver, Eclipse, Matlab, Scilab.

RELEVANT COURSES

- **Core Courses:**

- Solid Mechanics
- Fluid Mechanics
- Engineering Mechanics
- Numerical Methods In Civil Engineering
- **Lab Courses:**
 - Fluid Mechanics Lab
 - Heavy Structure Lab
 - Physics
 - Chemistry
 - Workshop Practice
 - Engineering Drawing
 - Computer Programming Lab
- **Other Courses:**
 - Computer Programming and Utilization
 - Introduction to Electrical and Electronics Circuit
 - Electricity & Magnetism
 - Data Analysis and Interpretation
 - Chemistry
 - Economics
 - Calculus
 - Linear Algebra
 - Ordinary and Partial Differential Equations

EXTRA CURRICULAR ACTIVITIES

- Was part of the **National Sports Organization** for Weightlifting. (2011-12)
- **Captain** of the **School Table Tennis team** which won district level tournaments twice (2009 and 2010).
- **Captain** of the **District Table Tennis team** which participated in **State level** (Rajasthan) **table tennis** competition and stood 5th. (2010)
- Was a part of IIT-B group which made a world record of most number of people solving Rubik's cube together. (2011-2012)
- Founder member of SHIKSHANTAR- a startup educational organization by IIT-B students which is currently a tie up with AAKRATI EDUCATION PVT. LTD., a well-recognized educational organization of Mumbai.

POSITIONS OF RESPONSIBILITY

- **Web Secretary**, Hostel 7, IIT Bombay for the year (2012-2013)
 - Administrator of the Hostel Website.
 - Designed various webpages for the hostel such as hostel football page, cult page.
 - Developed a GUI for the hostel library.
- **Coordinator**, Rubik's Cube Club, IIT Bombay (2012-2013)
 - Organized various sessions to teach people to solve Rubik's cube.
- **Organizer**, **Techfest-2011**, IIT Bombay
- **Organizer**, **Mood Indigo-2011**, IIT Bombay (2011-2012)