



VATSAL SHAH
Metallurgical Engineering & Material Science
Indian Institute of Technology, Bombay

09011034
UG Third Year (B.Tech.)
Male
DOB: 01/12/1990

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	6.51
Intermediate/+2	Maharashtra Board	Shivaji College of Science	2008	73.33
Matriculation	Maharashtra Board	Holy Cross Convent	2006	83.73

Scholastic Achievements

- **Ranked 1769** among 385,000+ students from all over the country, in Joint Entrance Examination conducted by Indian Institutes of Technology (**IIT-JEE**), 2009.
- **Ranked 2200** among 962,000+ students all over the country in All India Engineering Entrance Examination (**AIEEE**), 2009 conducted by the central board of secondary education (CBSE).
- Won **Silver medal in Mental Ability Test** at the district level in 2006.

Industrial Experience

Tushky

Summer intern

May 2011 – July 2011

- Discovered and scrutinized hidden offbeat destinations/events/activities/performances
- Negotiated with respective dealers/artists for best prices and attract customers.
- Found out best possible deals, enhanced website content, radical marketing through social media
- Led to an increased awareness of site and improved figures of sales.
- Finalized 20+ reputed dealers (eg – Maharashtra coach for fencing), increased site traffic by 50%, increased 15+ valued customers and prepared important documents like MoU, rate cards, proposals.

Positions of responsibility

Manager Events, Padarth

IIT Bombay's Materials Science Festival

May 2011 – present

- Leading a three tier team of 15 volunteers for complete conceptualization, supervision and execution of workshops, lecture-series and exhibitions for an expected footfall of 10000+
- Coordinating with other team managers for smooth functioning and successful execution of the event.
- Successfully invited Prof. Henrich Lang (technical university of Chemnitz, Germany) to give a talk on materials as a part of pre-Padarth lecture series.
- Negotiating with Tata motors, BARC, Indian Navy, DRDO, and many more eminent personalities /organizations round the globe for exhibitions, lectures, lab tour and competitions in Padarth.

Coordinator Events, Techfest

Asia's largest science and technological college festival, IIT Bombay

Sep 2010 – Jan 2011

- Conceptualized and executed informal street shows (Parkour, BMX stunt bike, magic) and boomerang and Parkour workshops for the first time in Techfest.
- Led a team of 17 organizers to execute the same
- Successfully brought FXG parkour group, BMX stunt bikers, magician Zelwin Chew and Aerotrix group to perform at zero performance fees.
- Publicized the events innovatively resulting in 10000+ audiences for the shows.

Projects

- **Mini National UID for IIT Campus**

Guide: Prof. Deepak B Phatak

CS101 Course Project, autumn 2009

- Generated Unique Identity system for all the residents living in the IIT campus, on the lines of the Government of India's project of setting up a unique Identity system
- Led a team of 4 members involved writing the codes in C++ environment for the Usage of the same (recording attendance, access control, conducting online exams).
- Processed fingerprint image obtained from the external device using C++ and maintained a database of same for further use in UID.

- **Programming Project in Transport phenomenon**

Guide: Prof. N. Vishwanathan Nurni

MM201 Course Project, autumn 2010

- Wrote codes in MATLAB for strategically solving complex problem in Transient conduction through semi-infinite heat slabs and Problems where the Lumped Capacitance approach was valid.
- Analyzed the results physically and reported the results graphically.

- **Structures Project**

Guide: Prof. K. Narsimha

MM203 Course Project, autumn 2010

- Analyzed the Hoover Dam from the structure point of view and created a physical model.
- Presented on the same and reported the important data on stresses and strains developed in the structure.

- **F1 Car**

Technical Event for Freshmen

September 2009

- Made a remote control wireless car, whose objective was to complete a given track with certain amount of time. The track was full of obstacles like small pool of water, a steep ramp and balls.

Extra Curricular Activities

- Choreographed and performed in dance team of Performing Art Festival "Chashm-e-num", which won the second prize for dance. (2011)
- Completed a Basic Course in Mountaineering of 25 days from Atal Bihari Vajpayee Institute of Mountaineering and Allied Sports, Manali. (2010)
- Performed as a supporting actor in winning PAF - "Panchi Re" in freshman year. (2010)
- Part of the winning dance team of Freshiezza. (2009)
- Won the first prize in script writing as well as acting in Ad Making and Situational Dramatic Event as a freshman, got special mention for script and acting. (2009)
- Performed as the bass guitarist at musical events of IIT Bombay (2009)
- Was an A grade cadet, Maharashtra cadet corps, consecutively for three years in class 8th, 9th, and 10th. (2006)

Courses undertaken useful in the various fields

- HS 101 - Economics;
- HS 457- Managerial Economics.
- HS 307 – Sociology;
- IC 102 - Data Analysis and Interpretation

Linguistic Skills:- Fluency in English, Hindi, Gujarati, Marathi.

Computer Skills:- Basic knowledge in C++, HTML, MATLAB.