	Vishal Khatri	09004025
	Civil Engineering	**UG Third Year (B.Tech.)**
	Indian Institute of Technology, Bombay	**Male**
		DOB: 26/11/1991

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	8.11
Intermediate/+2	Maharashtra board	Shivaji Science College, Nagpur	2009	84.00
Matriculation	Maharashtra board	Nagar Parishad Highschool, Narkhed	2007	91.84

ACADEMIC ACHIEVEMENTS

- Was selected for Indian National Physics Olympiad (InPhO) 2009 organised by TIFR
- Pursuing honours in civil engineering with CPI = 10 in addition to the B.Tech. degree
- Pursuing a minor in Computer Science and Engineering
- All India Rank 972 in IIT-JEE 2009 from among 0.4 million students
- State Rank 116 in AIEEE 2009 from among 1 million students
- All India Rank 60 in NSO 2009

PROJECTS

SEMINAR IN STUDY OF ADVANCED BEAM THEORIES   *JUL '11 - PRESENT*
Prof. Mandar Inamdar, Civil Engineering, IIT Bombay
- Surveying research papers on corrections in Euler-Bernoulli beam theory
- Will develop and study 2D and 3D Kirchoff equations for thin elastic filaments

WORK VISIT AT CWPRS, PUNE   *MAR '11*
Prof. B. Pani, Civil Engineering, IIT Bombay
- Studied the difficulties in construction and maintenance in coastal areas and under water; also learnt about various solutions for the same
- Analysed the management of important ports on the west-coast in high/low tides

MINI UNIQUE IDENTIFICATION PROJECT FOR IIT BOMBAY   *OCT - NOV '09*
Prof. Deepak B. Phatak, Computer Science and Engineering, IIT Bombay
- Developed a software using C++ based on *Aadhaar* to process finger-prints
- Worked with a team of nine others to for smooth functioning and completion of the project
- Implemented the algorithm used to store and compare finger-prints

COURSES AND SKILLS

ADDITIONAL COURSES IN MATHEMATICS AND COMPUTER SCIENCE

	Algorithms (*CS*)	
Numerical Methods (*Civil*)	Optimization (*Maths*)	Discrete Structures (*CS*)
Matrix Computations (*Elec*)	Linear Algebra (*Maths*)	Data Structures (*CS*)
Multivariable Calculus (*Maths*)	Computer Programming (*CS*)	Complex Analysis (*Maths*)
Ordinary Differential Equations	Data Analysis and Interpretation	Partial Differential Equation

TECHNICAL SKILLS

C, C++	Python (*basic*)	HTML

WORK EXPERIENCE

CONTENT DEVELOPER, TEST FUNDA, ZEUS LEARNING   *MAY - JUL '11*

Test Funda, an IIT-IIM alumni venture, is the leader in online CAT/MBA preparation with over 2 lakh users.

- Worked on augmentation of existing products like online mock tests, study material, Word of the Day, Puzzle of the Week, etc. and building of new ones
- More than 1,00,000 cumulative unique views for 'Questions of the Day' I developed

MATHS MENTOR, IIT-JEE CLUB   *MAY '10 - PRESENT*

IIT-JEE Club is an online hub for discussion of JEE questions with more than 1600 active members.

- Work includes posting original puzzles, moderating discussions, solving doubts, etc
- Have posted more than 100 original problems on the group

POSITIONS OF RESPONSIBILITY

INTERNSHIP COORDINATOR, CIVIL ENGINEERING   *JUL '11 - PRESENT*

- Elected by the batch to ensure the best intern opportunities and represent their interests in the Institute Placement Training Team comprising of 25 students
- Organised a resume-making and a GD-PI workshop by experts
- Changed Placement Training Policy for the first time achieving a delicate balance between safeguarding student interest and strengthening company relations

COLLEGE AMBASSADOR, LETSINTERN   *JUN '11 - PRESENT*

LetsIntern, winner of 'The Economic Times - Power of Ideas' and a grant from government of India, is the first organized and dedicated internship marketplace in India.

- Helping LetsIntern build and design a college and student outreach in Mumbai
- Working in tandem with a team of over 50 people from Bombay and Delhi offices
- Job includes deciding companies for IITians and then striking the deals.

COORDINATOR, TECHFEST '11   *JUL'10 - JAN'11*

Techfest, the annual technology festival of IITB, is the largest in Asia with more than 85,000 visitors last year.

- Conceived, planned from scratch and executed LoopRush, a 2-day robotics event
- Assembled and managed a 2-tier team of around 15 organisers
- One of the most popular events at techfest '11 - more than 200 teams of 3 members

EXTRA CURRICULAR ACTIVITIES

INSIGHT, IIT BOMBAY

InsIghT is the official English newsletter of IIT Bombay.

- Have written about 10 articles for the newsletter and the website
- Serving on the executive panel of the newsletter

WORKSHOPS AND SEMINARS

- Attended a workshop on Intellectual Property Law (IPR) spanned over a period of 10 weeks during which experts from reputed companies explained the need, procedure and benefits of the law for Patent, Copyright, Trademark, etc
- Completed a course titled 'Advanced Programming in C++' under the Continuing Education Programme (CEP)

INTERESTS

Mathematics	Poetry	Table-tennis
Computer Science	*Ghazals*	Cricket
Solid Mechanics	*Osho*	Structural Analysis