



Akhil Garg
Civil Engineering
Indian Institute of Technology, Bombay
Specialization: Civil Engineering

100040113
UG 4th Yr (Dual Degree)
Male
DOB: 03/09/1992

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2013	7.65
Intermediate/+2	CBSE Delhi	Blossoms Senior Secondary School	2010	87.80
Matriculation	CBSE Delhi	O.L.F. High School	2008	86.16

RELEVANT COURSES: Design of Concrete Structures, Design of Steel Structures, Concrete Technology
Transportation Engineering
Offshore Engineering, Water Resource Engineering, Hydraulic Engineering
Foundation Engineering, Soil Mechanics
Geodesy, Structural Mechanics

SCHOLASTIC ACHIEVEMENTS

- Awarded certificates of merit for **All India Computer Knowledge Competition** and **Unified Cyber Olympiad**
- Secured 99.8% percentile in Joint Entrance Exam, 2010 (Entrance test for Indian Institute of Technology, 4.7 Lacs students appeared for exam)
- Qualified in All India Engineering Entrance Exam, 2010 (Nearly 10 Lacs students appeared for exam) with a percentile of 99.7%

INTERNATIONAL EXCHANGE PROGRAM

NANYANG TECHNOLOGICAL UNIVERSITY , SINGAPORE

Aug'13 – Dec'13

- Studied at NTU (ranked under top 50 in world, 8th in Asia) for one semester
- Gained an invaluable experience by developing a global perspective and by connecting with different people in diverse cultures, thus broadening and enriching the learning experience

INTERNSHIPS AND ACADEMIC RESEARCH PROJECTS

PERI INDIA PVT. LTD., FORMWORK SCAFFOLDING ENGINEERING

May'12-Jul'12

Guide- Mr. Umang Bavser (Technical Manager)

- Learned designing of eight **different shuttering/scaffolding systems** for Slab, Column, Beam and Wall using AUTOCAD and compared productivity and cost for the same
- Live Projects** – Worked on two live projects – “World One” and “Omkar Alta Monte” in Mumbai to enhance performance of **Automatic Climbing systems** using Hydraulic Operations
- Designed and appraised **Multiflex Slab and Beam formwork system** for “Raigarh Housing Complex” of budget 25 lakhs

RESEARCH PROJECT, EARTHQUAKE ENGINEERING, IIT KANPUR

May'12-Jul'12

Guide Professor- Dr. K.K. Bajpai

- Designed **Tuned Mass Damper and Pure Friction Base Isolation System** for the two story steel frame experimental model reducing the seismic energy upto **40 percent**
- Studied use of **Energy Dissipating Devices** for improving the earthquake resistance performance of a steel frame model
- Performed various **shake table experiments** to find out the dynamic properties of a two story steel frame building model and did analytical study using MATLAB, LABVIEW, and SAP2000

SITE PROJECT- BANSAL INFRATECH

Dec'12

Coordinator- Sourabh Bansal

- Worked on the projects namely administrative block and Library as an internee at **Rajiv Gandhi National University of Law** for a month.
- Gained experience in various aspects of construction like concreting, steel binding, shuttering, and casting of foundation, beams, columns, and slabs

JANAAGRAHA URBAN INDIA E-GOVERNMENT AWARDS, BANGALORE

Nov'11-Dec'11

Coordinator- Srikanth Viswanathan

- Volunteered for the NGO- **Janaagraha** and worked under the programme **PROOF** (Public Record of Operations and Finance)
- Rated websites of Urban Local Bodies of India and maintained a database according to various parameters like Transparency and Accountability, Quotient Outreach, Voice of Citizen, Assurance and Virtual Experience for Urban India E-Government awards for ULB's

MONOPOLY - INTERACTIVE GAMING INTERFACE

Jul '10 - Nov '10

Guide Professor - Prof. D.B Phatak

- Constructed an e-format implementation of the Game of Monopoly with an interactive **GUI in C++**
- Designed multiple levels of computer intelligence to provide an entertaining experience for the user

TECHNICAL SKILLS

- Programming languages: C/C++, Basics of HTML, BASIC, QBASIC
- Operating systems: Linux, MS Windows
- Software Packages: AUTOCAD, MATLAB, LABVIEW, SAP2000, Photoshop, Microsoft Office

POSITION OF RESPONSIBILITY

COORDINATOR, Student ALUMNI RELATIONS CELL

Jul'11- Nov'2011

- Contacted various companies working as a **Marketing coordinator**, as a part of being a sponsor for various events in Student Alumni Relations Cell of IIT Bombay

COORDINATOR, MOOD INDIGO

Jul'11- Dec'2011

- Organized events (Street Arcade and Scavenger Hunt) in the cultural fest of IIT Bombay, Mood Indigo, which showed a participation of 300+ students

EXTRACURRICULAR ACTIVITIES

SPORTS AND GAMES

- Part of the **Limca Record** of maximum number of people solving Rubik's Cube at IIT Bombay
- Played district level **Table Tennis, and Roller Skating**

SOCIAL AND CULTURAL

- Collected and Donated money for the **Cancer Aid Society** for aiding Cancer patients
- Worked under **National Service Scheme** for one year and surveyed village to improve the economic and social condition of the people living there
- Part of the ambience team of Hostel 7 in Performing Arts festival (PAF) in 2012

OTHER

- Worked as **Campus Ambassador** (thewittyshit.com, a networking venture) from Sep'11 to Feb'12
- Designed a **Remote controlled Plane** and participated in various events