



Ashish Prakash Tajane  
Computer Science & Engineering  
Indian Institute of Technology, Bombay  
Specialization: Not Applicable

09005027  
UG Third Year (B.Tech.)  
Male  
DOB: 03/08/1991

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	7.79
Intermediate/+2	CBSE	DAV Public School, Kota	2009	90.80
Matriculation	CBSE	Jawahar Navodaya Vidyalaya, Ahmednagar	2007	93.40

## ACADEMIC ACHIEVEMENTS

- Secured **All India Rank 210** in **IIT Joint Entrance Examination (2009)** out of 385000 candidates.
- Secured **All India Rank 94** in All India Engineering Entrance Examination (**AIEEE 2009**).
- Awarded **Certificate of Merit** for being placed in **National Top 1%** out of 34707 candidates in **National Standard Examination in Physics**.
- Got **Distinction** in **Mathematics** and **Science** in **International Assessment for Indian Schools** in 2008 by **The University of New South Wales, Australia**.
- Cleared 1<sup>st</sup> Round of **Kishore Vaigyanik Protsahan Yojana (KVPY)** in 2009. This is to encourage talented students towards careers in the sciences.
- Secured **Overall Rank 5** (2009) in **International Olympiad of Mathematics (IMO)** and **AIR 40** (2009) and **AIR 67** (2008) in **National Science Olympiad (NSO)** conducted by **SOF New Delhi**.
- Was selected to attend **Regional Science Congress** in 2005 held at **Gujarat Science City, Ahmadabad** which was aimed at encouraging young students towards Research.
- Secured **All India Rank 38** in **National Science Talent Search Exam (NSTSE 2008)** conducted by **Unified Council, Hyderabad**. Also **All India Rank 92** in **NSTSE 2009**.

## PROJECTS

- **Amusement Park Simulation** (in C++) Autumn 2010  
Guide: Prof. Om Damani CSE Department, IIT Bombay
  - Park management simulation game with **extensive GUI** using **wxWidgets** whose concept was similar to a famous game **Roller Coaster Tycoon**.
  - Used **Hash Map** and **Random Queue** as data structures.
- **Graphical Interface Application Development** (in PLT Scheme) Spring 2010  
Guide: Prof. Amitabh Sanyal HOD, CSE Department, IIT Bombay
  - Conceptualized and developed **Graphical Interface Application Color Cleaner** that included all basic and several advanced features of a famous GNU/Flash game **Same**.
  - **Abstractions** were used in the form of Higher Order Functions to abstract out similar functions in a single way.
- **Fingerprint Detection** (in C++) Autumn 2009  
Guide: Prof. Deepak B. Phatak CSE Department, IIT Bombay
  - Worked in a team of 5 to develop Attendance Log of students based on results of **Biometric Identification** with features to add/remove student and login for instructor.
- **Work Experience** Summer 2011
  - Working in a start-up finedu.co.in as **web-developer (CSS and Database part)**. Also working on Algorithm for Recommendation and its implementation. Site is similar to slideshare.com concentrating on finance / management areas.
  - Worked on **Recommendation Algorithm** for **e-commerce** start-up toysocean.com, yet to be launched.

## COMPUTER SKILLS

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- **Languages and Scripts:** C/C++, Java, Scheme, Bash, Scilab, Perl (Basic), Python (Basic)
- **Web and Designing:** HTML, CSS, PHP, MySQL, JavaScript
- **Tools:** Photoshop, Illustrator, Dreamweaver, After Effects (Basic), LaTeX

## IMPORTANT COURSES

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- **Core :**
  - Computer Architecture (+ Lab)<sup>#</sup>, Database and Information Systems (+ Lab)<sup>#</sup>, Operating Systems (+ Lab)<sup>#</sup>
  - Automata Theory and Logic, Design and Analysis of Algorithms, Logic Design (+ Lab), Software Systems Lab
  - Data Structures and Algorithms (+ Lab), Discrete Structures
  - Computer Programming and Utilization (+ Lab), Abstractions and Paradigms for Programming (+ Lab)
- **Mathematics and Statistics :** Calculus, Linear Algebra, Differential Equations, Data Analysis and Interpretation, Numerical Analysis
- **Other :** Introduction to Electrical and Electronics Circuits, Introduction to Industrial Design, Economics, Managerial Economics, Philosophy<sup>#</sup>, Modern Physics, Chemistry (+ Lab)

<sup>#</sup> - ongoing.

## POSITIONS OF RESPONSIBILITY

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- **Core Team Member, Publicity and Design**  
**Student Alumni Relations Cell (SARC), IIT Bombay** *Since March 2011*
  - Organizing and publicizing events and initiatives of SARC - Phonathon, ASMP (Mentorship) and Lectures etc. on student front.
  - Organizing and publicizing **Alumni Meets** and **Reunions** like SJRU on Alumni front
  - Leading a team of 6 coordinators for publicity. Designing posters, flexes, cards, pamphlets/brochures, t-shirts for the same.
- Worked as a **coordinator** in **Creatives and Publicity** department of **Techfest 2011** and designed posters, cards, flexes, standies etc. in a team of 6 coordinators for publicizing Techfest which gather more than 75000 people from academia and industries.
- Worked in **SARC** as **coordinator** in **Lost Soul Search Drive** and **Phonathon** which focuses on establishing contacts with lost Alumni and maintaining their database.
- Worked as an **organizer** in **Techfest 2010** and **Mood Indigo 2009**.

## EXTRA CURRICULUR

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- Awarded **grade A** in both **Certificate A and B** Examination of **National Cadet Corps (NCC)** and attended several camps on **Leadership, National Integration** and rigorous fitness training.
- Part of the **winning dramatics team** in **Performing Arts Festival (PAF)**, the biggest inter-hostel cultural event of IIT Bombay.
- Volunteered in the social activity **Teach Me** throughout my freshmen year which focuses on **teaching and moral value building** in the underprivileged and poor kids from the slum nearby campus.
- Attended camps organized by **Group for Rural Activities (GRA)** in the tribal and rural areas, analyzing their lifestyle and brainstorming on implementation of science and technology in their lives.
- Other interests are - Graphic/Web Designing, Video Editing and Photography.