



**Paroksh Saxena**  
**Computer Science & Engineering**  
**Indian Institute of Technology, Bombay**  
**Specialization: Computer Science**

**08005001**  
**UG Third Year (B.Tech.)**  
**Male**  
**DOB: 26-01-1991**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2010	8.02
Intermediate/+2	CBSE	Happy Days School	2008	88.20
Matriculation	CBSE	Christ Sr. Sec. School	2006	85.00

### ACADEMIC ACHIEVEMENTS:

- Secured an **All India Rank 73** among 320,000 students (**approx. 99.99 percentile**) in **IIT JEE 2008**, the entrance test for the Indian Institute of Technology
- Secured an **All India Rank 78** (out of more than 800,000 students) and a **State Rank 6** in All India Engineering Entrance Examination and **Rank 6** in Madhya Pradesh Pre Engineering Test (MP-PET)
- Secured **Rank 6** in Madhya Pradesh Pre Engineering Test (MP-PET)
- Awarded **AIEEE scholarship** by Government of India

### PROJECTS AND INTERNSHIPS

#### **FACE LOOK (a project of database management) | Autumn '10**

Guide: Professor Sudarshan

- Developed Social Network Site on the lines of facebook
- Allow users registered in it to find new friends, manage and invite people to events, put status updates, comment on others updates
- Users are allowed to control on their personal information by granting different access permission to different friends
- Search function to find and visit profile pages of other people on facelook
- Used java, java servlet and oracle thin jdbc driver and web interface

#### **CAPTURE IMAGE AND GET PRICE OF THE PRODUCT | Autumn '10**

Competition: HackU | Conducted by yahoo on 10<sup>th</sup> oct, 2010

- Created a j2me mobile app for nokia E-series to capture image and upload on our server
- Server used gift (GNI image finder tool) to do a content based image retrieval (CBIR) from our local database and give the keywords corresponding to the image
- Used YQL to find prices of that product from two online stores amazon and rediff
- Results are sorted according to the prices and sent back to the user to view on his mobile browser

#### **TIC TAC TOE | Autumn '08 | Guide: Professor Abhiram Ranade**

- Link-3 game between a user and computer, with result either draw or computer winning
- Involved **C++ features**
- The game had a **Graphical User Interface** implemented using **SPRITE** Library

#### **CAR RACE: | Spring '09 | Guide: Professor Amitabh Sanyal**

- Simulated a car racing game with 3 lane using **Scheme Language** in which user saves its car from hitting the incoming cars and simultaneously competes with robot car running on another 3 lane track
- The computer car was like Artificial intelligence, which depending upon incoming cars, took actions in order to doge them
- User can increase or decrease its speed. It can also set the difficulty level

#### **CONTENT DEVELOPMENT | Summer '10 | Organization: InnovateEdu**

- Developed content for 1<sup>st</sup> year students, of Basic computer engineering for colleges, with easy explanation of difficult topic and by including animations and images, for better explanation of the topic.

## WORKING SKILLS

- Programming Skills : C,C++, MIT Scheme, Java
- Scripting Language : HTML, SQL, JavaScript, Perl
- Operating System : Linux- Ubuntu , Windows: 98,2000, XP, Vista,7
- Software : Sony Vegas, Netbeans, Eclipse

## POSITIONS OF RESPONSIBILITY:

- **Served as Dramatics Secretary of my hostel (hostel 7) from July 2009 to April 2010.**
  - Conducted theater workshop in my hostel, first of its kind, at hostel level
  - Acted, Scripted and managed dramatics for hostel-7 and brought 5<sup>th</sup> position in inter-hostel, main GC dramatics competition, first time in the last 4 year history of hostel-7
- **Organizer, Theater fest'08, Dramatics Festival of IIT Bombay**
  - Organized and managed theater groups who performed in the theater fest
- **Organizer, Techfest'09, Annual Science Festival of IIT Bombay**
  - Organized Exhibitions at techfest (Asia's largest technical festival)
- **Organizer, iconic running race, i-race'08**
  - A unique race in which participants are compared with their own limitations of age, gender, height and weight and the winners are chosen from across the globe based on who comes closest to one's ideal best

## EXTRACURRICULAR ACTIVITY

- Awarded **Best Sophomore** award (given to only two 2<sup>nd</sup> year student out of 70), in year 2009-10 from my hostel for remarkable contribution in cultural and sports fields
- Was part of the acting team which stood **2nd** in **One Act Play** at "Manzar", the annual fest of UICIT College
- Was part of **street play**, which stood **3<sup>rd</sup>** in **Mood-I**, cultural festival of IIT-Bombay and also performed this play at various places like **NCPA, Prithvi theater and Aditya birla school** in Mumbai and at 'Chaos', cultural fest of **IIM-Ahmedabad**
- Was a part of basket ball team which stood 4<sup>th</sup> in inter hostel general championship competition in my 2<sup>nd</sup> year
- Acted in mono acting competition in Freshiza and in Freshie Production and Sophie Production, dramatics competition in IIT Bombay
- Made a 46 sec one shot **movie** for 'Malhar', cultural festival of Xt. Zavier's college, Mumbai
- Stood 27<sup>th</sup> in Sophie Crossy, long distance running completion for sophomores in IIT Bombay
- Acted (both in 1<sup>st</sup> and 2<sup>nd</sup> year) in Performing Art Festival (**PAF**), largest inter-hostel cultural competition in IIT-Bombay
- **Represented hostel** in various inter hostel competitions – gyration-09(**dance**),**basketball-09**,**crossy-09**
- Is an active member of dramatics club of IIT-Bombay

## DECLARATION:

I, **Paroksh Saxena**, hereby declare that all the above stated information is true to the best of my knowledge as of **December 2010**.