Rahul Prakash 08D02030

Chemical Engineering UG Fourth Year Indian Institute of Technology, Bombay Male

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ExaminationYearUniversityInstituteCPI / %Graduation2011IIT BombayIIT Bombay7.17

SCHOLASTIC ACHIEVEMENTS

- **IITJEE 2008:** Secured All India Rank of **1185 in IIT JEE** 2008 (being in top 0.3%out of more than 3,00,000 students).
- AIEEE 2008: Secured All India Rank of 6647 in AIEEE 2008(being in top 1% out of more than 8,00,000 students).
- ISI 2008: Qualified Indian Statistical Institute (ISI)entrance exam in 2008.
- **SUPER'30 2008:** Was the 2008 topper of SUPER 30(an organisation which helps economically deprived students to get into IIT by providing them free tuitions)
- Was awarded the Merit cum Means scholarship by IIT BOMBAY

POSITIONS OF RESPONSIBILITY

Internship Coordinator '10:

- Working in a team of 24 coordinators, collectively responsible for the practical training of a total of over 1300 2nd and 3rd year under-graduate students.
- Responsibilities include developing relations and negotiating offers from National and Multinational companies and universities as well as planning, organizing and scheduling the recruitment process.

Coordinator Mood Indigo'09(Asia's Largest College Cultural Festival)

- Coordinated the performance of the TARARAM; an Israeli music and dance group which has performed around the world, including Germany's World Exposition in 2000 and the 2004 Olympic Games in Athens.
- Coordinated a hypnotism workshop by V. Nagesh .
- Was the Disaster management coordinator for HORIZONS, a department in MOOD INDIGO '09.

PRACTICAL TRAINING

Asian PPG Industries: [MAY-JUNE 2010]

- Worked on a project based on "Effects of grinding on the properties of paint"
- Was also trained in the basics of Paint Manufacturing and problems faced during application process by the professionals of ASIAN PPG(a joint venture of ASIAN Paints and PPGIndustries (USA).

Novartis Sandoz [May – July 2011]

- Worked on a project for improvement of the efficiency of a Multi Effect Evaporator System.
- Worked on Chloroform Adsorption System to rectify the operating strategies.

KEY PROJECTS

Simulation Project (C++):

Nov 2008

Guide: Prof. AbhiramRanadey, CSE DEPARTMENT, IIT Bombay

• Simulated a **SCIENTIFIC CALCULATOR** using **C++** which calculated the Corresponding values of all the trigonometric identities and also used to calculate exponential and logarithmic functions.

Social Project at Swaroopwardinee (NGO):

Dec 2009

- Created a database of all the departments and members of the NGO
- Also prepared a report on working methodology and principles of the organization.

Molecular Simulation Mar 2010

Supervisor: Prof. Jhumpa Adhikari

- Designed a programme using C++ to formulate an FCC lattice with definite number of atoms.
- Made a **Monte Carlo** program to simulate the **three dimensional square well system** in the canonical system.

Options Pricing and Greeks

Feb 2011

Supervisor: Prof. Puja Padhi

Currently working on a project based on Options Pricing and Greeks.

EXTRA CURRICULAR ACTIVITIES

Social Service

- Member of "**TEACH- ME**" which is a voluntary activity run by the students of IIT under which weteachunderprivileged kids along with mentoring and imparting moral values to them.
- Member of National Social Service (NSS).

Music

- Performed as a guitar player in Surbahar '10 which is the biggest Hindi music event in IIT Bombaywith a footfall of over 1000.
- Performed as a guitar player in Accoustic Dusk'09 which is considered as the largest western band event in IIT B.