**Siddharth Desai**

**II year Undergraduate Birthday – 16th November 1991**

**Metallurgical Engineering and Material Sciences Tel no - +91 9833883807**

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Examination University Institute Year CPI / %

Intermediate HSC Bhavans College 2009 80.00

Matriculation SSC Infant Jesus School 2007 87.07

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| ACADEMIC ACHIEVEMENTS: |

* Secured an All India Rank of **1611** in the **IIT-JEE 2010** **amongst over 450,000 students**
* Among the **top 15** in the department in a class of **125** students
* Completed a ‘Language and Literature’ course in the third semester. Pursuing an ‘Operations Management’ course in the fourth semester.

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| INTERNSHIPS AND PROFESSIONAL EXPERIENCE: |

**Marketing Associate, Inzaak Solutions: [**July - September 2011]

* Market researched which included interacting and discussing with marketing heads and potential clients for an online booking software product
* Looked after creative conceptualization; designed and worded the company product brochure and unique product calendars

**Media Associate, Rakshak Foundation (US based non-profit organization):** [June – July 2011]

* Responsible for designing the online publicity campaign of the organization and its projects
* Conceptualized a model of tie-ups with colleges and schools to propagate fundamental and ethical responsibilities of educated citizens among the student community

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| KEY PROJECTS: |

**Hand Gesture Input Gloves (Electronics Club Summer Project):** [June – July 2011]

Guide: Students Technical Association Body (STAB)

* **Led** a team of **4** to complete the project **within 2 months** which can be used to help the physically impaired to interact with the computer and minimize human effort
* Allowed the user to control the functions of the mouse and keyboard of a computer by the virtue of hand gestures and movements
* In charge of the ‘electronics’ module of the project and oversaw ‘coding’, ‘GUI’, and the expenses incurred for the project
* Invited to exhibit the project at numerous institute exhibitions across and outside the institute
* Invited by alumni to further develop the project under their guidance and funds

**Application of Lattice Boltzman Methods** (In-semester voluntary project): [November 2011 – present]

Guide: Prof G. Gururajan, MEMS Department, IIT Bombay

* Currently studying the applications of **Lattice Boltzmann methods** to simulate the flow of a Newtonian fluid with collision models
* Aiming to simulate the streaming and collision processes with a CUDA (Compute Unified Device Architecture) machine across a limited number of particles

**Graph Plotter:** [February – March 2011]

Guide: Prof R. K. Joshi

* Programmed a graph plotter using C++ **within 15 days**
* Enabled the user to plot the graph, its derivatives and integrals of the most complicated functions

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| POSITIONS OF RESPONSIBILITY: |

**Execution Panelist, ENSPACE – IIT Bombay** [August 2011 – present]

* **Authored** articles for three issues of ‘**Enspace**’, **India’s first and only undergraduate college entrepreneurial magazine**
* **Edited the website** of **E-Summit 2012**, the annual flagship event of E-Cell, IIT Bombay

**Tech – Mentor, STAB – IIT Bombay** [July – September 2011]

* Mentored **40** freshmen for the first all-freshmen technical competition ‘**TechOne**’, a wireless bot making and racing competition
* Introduced the freshmen to the ‘tech scene’ at IIT Bombay, and augmented their enthusiasm and participation in other technical events at IIT Bombay

**School Prefect, Infant Jesus School, Mumbai** [2005 – 2007]

* Was **1** of the **10 students** to be selected out of a batch of **over 850** to hold the post
* Was responsible for maintaining discipline and decorum within the school premises and organising the school events

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| EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS: |

**Tech:**

* **Winner of Trackmania**, a timed obstacle course racing competition, involving building a remote controlled bot and racing it among **over 800 participants at IIT Bombay** in September 2010
* Made an **all-time record** clock time of 54.6 seconds

**Literary Arts:**

* Recipient of the prestigious ‘**Eco Kid award**’ (annually awarded to one student throughout Mumbai) and the ‘**Best Speaker**’ (High school category) award by **OASIS**, an NGO in collaboration with the **Essel Group** in the year 2007
* The event was covered by the **Times of India** and telecast by **Sahara News Channel** and **Door Darshan**
* Active member of the Literati, literary arts club of IIT Bombay

**Institute Bodies:**

* **Coordinator,** Techfest 2012: Marketed to over **40 companies** for sponsorship. Interacted with over 25 marketing managers of companies like **Adobe**, **Biocon, Emerson, Glenmark Pharmaceuticals**, **HSBC, Mercedez Benz**, **Stanford Bio Design, Vijay Sales, VIP** etc. Handled companies like Intel, Imagine Canada and Waterford Institute of Technology during the festival which included overlooking all the specific events of the respective companies.
* **Coordinator,** Mood Indigo 2011**:** Conceptualized and successfully organized a Corporate Marketing Event and a game show based on the TV series CID. Each of the event received a participation of over 70 students
* **Organiser,** Techfest 2011: Successfully and almost single-handedly organized a workshop on ethical hacking, ‘**Hackfest**’, conducted by a celebrated expert on all the four days of the festival for 375 participants
* **Organizer,** Mood Indigo 2010: Organized a bidding competition called, Tol Mol Ke Bol. Organized a dating game competition. Organized a treasure hunt

**Cultural:**

* Adjudged the ‘**fifth best actor**’ in the all Mumbai inter school English skit competition held at Nehru Science Centrein2008
* Represented the school at the ‘**Bharat Scouts and Guides**’ seminar at Mumbai in 2007