SIDDHARTH RAGHUVANSHI

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Degree/Certificate	Institute/ School, City	CGPA/ %	Completion
Dual Degree[B. Tech (H) + M. Tech] (Computer Science & Engineering)	Indian Institute of Technology, Kharagpur	8.26/10	2011
Class XII: C.B.S.E.	Central Hindu School, Varanasi	86.0%	2005
Class X: C.B.S.E.	St. Atulanand Convent School, Varanasi	90.8%	2003

ACADEMIC ACHIEVEMENTS

Competitive Examinations	▪ All India Rank 116 in AIEEE, 2006 among 470,000 students, State Rank 8 in Uttar Pradesh. ▪ All India Rank 119 in 7th National Science Olympiad, 2005. ▪ All India Rank 22 in All India Level Mathematics & Science Test organized by Central Institute for Proficiency in English Language (CIPEL).
Scholastic Achievements	▪ National top 1% out of 26968 candidates appeared in National Standard Examination in Physics'05 ▪ Receiving CBSE Merit Scholarship for the past 4 years.

ACADEMIC PROJECTS

M. Tech Project   IIT Kharagpur   May'10-Nov'10

- Studied the performance of text indexing algorithms on Hadoop MapReduce architecture.
- Future work includes implementing more efficient indexing and retrieval techniques in MapReduce for distributed parallel computing.

B. Tech Project   IIT Kharagpur   Aug'09-May'10

- ▪ Developed a software with can handle all sorts of query related to geographical information extracted from maps.
- ▪ Developed a client interface which can fetch data from different incompatible geospatial web services and make that data compatible for resolving queries.
- ▪ Integrated my framework engine with different underlying heterogeneous spatial databases.

Static Instrumentation Of Java Programs   IIT Kharagpur   May'08

- ▪ Developed a program using Byte Code Engineering Library to do automated testing of java program at byte code level.

WORK EXPERIENCE / INTERNSHIP

Extreme Blue Internship Program   ISL, IBM, Pune, India   May'09 – July'09

Business Perspective	▪ Conducted survey in Pune region on the current home delivery status of organized retails ▪ Proposed and implemented a solution on how to increase home delivery sales in order to compete with the localized general (*kirana*) stores
Technical Perspective	▪ Built an independent Home Delivery module on Java EE platform using open standards such as XML and Web Services ▪ Integrated the Home Delivery module with IBM WebSphere Commerce.
Achievements	▪ Received **highest grade 10/10** in summer internship evaluation at IIT Kharagpur, 2009.

RELEVANT COURSES TAKEN

- ▪ Machine learning
- ▪ Algorithms-I
- ▪ Algorithms-II
- ▪ Information Retrieval
- ▪ Distributed Systems
- ▪ Probability and Statistics

POSITION OF RESPONSIBILITY

- ▪ **Student coordinator** of IIT Kharagpur Student Counselling Service.
  - ➢ Student member of team that conceptualized and publicized Counselling Centre in IIT Kharagpur after 5 successive suicides in the campus within a span of 6 months in between Feb'09 and Jul'09.
  - ➢ More than 100 students are counselled every month.
  - ➢ No mishaps in the campus as of Sep'10 after the establishment of the centre.
  - ➢ Went through Gate Keepers Training to identify behavioral change in a person.
- ▪ Managed the systems team of **Bitwise-2010**, an international algorithmic intensive programming contest leading to the participation of 3000 teams across 75 countries.
- ▪ **Family Sub-head** of accommodation team in Spring Fest, 2008.
- ▪ **Head boy** of my Senior Secondary School (Central Hindu School).

EXTRA CURRICULAR ACHIEVEMENTS

- ▪ Member of Silver winning team in inter hall OPENSOFT Competition in the session 2007-08.
- ▪ **National Sports Organization**: Among **Top 30** students in Lawn Tennis Team at IIT Kharagpur'06.