

# CURRICULUM VITAE

## **RAHUL JAIN**

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### **CARRER OBJECTIVE**

To acquire an internship during **Summer(May-June), 2010**, so as to make the best out of my knowledge and experience and thus put to test my strong analytical skill in practical life to utmost.

### **ACADEMIC RECORD**

- Currently in **VIth semester** of B.Tech/M.Tech (Integrated Dual Degree) in Computer Science & Engineering at Institute of Technology, BHU.

**Current CGPA : 7.70 (on 10.0 scale)**

- **Past Records**

<b>Examination</b>	<b>Institute</b>	<b>Year</b>	<b>YGPA /Percentage</b>
B.Tech/M.Tech(IDD) Part – I	Institute of Technology, BHU Varanasi	2007-08	7.70/10
B.Tech/M.Tech(IDD) Part - II	Institute of Technology, BHU Varanasi	2008-09	7.50/10
B.Tech/M.Tech(IDD) Part - III	Institute of Technology, BHU Varanasi	2008-09	7.96/10 ( Vth sem)
Intermediate(RBSE) (Rajasthan Board)	M.B.V.B.Sr.Sec.School Kota(Raj.)	2006	89.70/100
High school(RBSE) (Rajasthan Board)	A.V.M.Rajakhera Dholpur(Raj.)	2004	88.50/100

## PROJECTS

➤ **Class Scheduling using Genetic Algorithms (Jan 2009 – April 2009)**

**Exposure:** Java.

**Project Profile:** Based on the given data set of no. of students, professors and other data, a class schedule is to be designed which satisfies certain constraints. It is a high dimensional, multi-constraint combinational optimization problem . A new algorithm which incorporates Branch and Bound algorithm in Genetic algorithm was devised to solve the problem.

**Guide:** Professor **A.K. Tripathi** (Professor and former H.O.D., Department of Computer Science and Engineering, IT BHU)

Team Size : 2

➤ **SMART CITY (IBM's The Great Mind Challenge TGMC-2010)**

**Exposure:** UML , Eclipse , DB2 , Websphere , HTML , Javascript , AJAX , JSP

**Guide:** Mr. R.S.Singh (Lecturer, Dept. of Computer Science and Engineering)

**Project Specifications:** To give a web based platform to a city to be showcased in terms of unique business, places to see, things to do and to make money by providing some services to its users. The users of the system will be anyone looking for information about city, tourists and businessmen.

Team Size : 4

➤ **SMS facility and NEWS alerts USING RIBBIT API :**

**Exposure:** PHP5 , MYSQL , RIBBIT API , HTML , CSS

**Presentation at :** Codefest-2010 (Technical fest of Dept. of Computer Engineering –ITBHU )

**Project Profile:** We gave a web based platform to our project (SMS and News alert using Ribbit API) in which any user can signup . After Signin he can send personal SMS, Group SMS .we also provide a phonebook facility to stores important contacts . On user request we also providing latest News Alert facility .

Team Size : 2

➤ **Graph Plotter (Technex 2007)**

**Exposure :** C++

**Presentation at :** ENIAC(Open Software event of **Technex 2007**-National Level Technical Festival of IT-BHU.

**Project Profile :** This project enables the user to draw the graphs of various algebraic and trigonometric functions of various degrees. The project uses Graphical user interface based on mouse handling which makes it very easy for user to select the functions.

Team Size : 3

➤ **Task Scheduling Algorithms for Heterogeneous Computing Environment (ongoing)**

**Mentor:** Mr. R S Singh (Associate Prof., Department of Computer Engineering, IT-BHU)

**Environment:** C

**Project Profile:** Heterogeneous Earliest Finish Time First (HEFT) algorithm using duplication has been implemented. Various methods for the calculation of the ranks are to be done. Random graph generator will be implemented to compare the efficiency of the algorithms.

Team Size : 3

<b>SUMMER INTERNSHIP (2008-09) :</b>
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➤ **Certificate in Network Management by NETTECH(Summer,2009)**

Underwent a course in network management which comprised of:

- a. Introduction to Networking and network management.
- b. DNS, Samba, NFS configuration for network sharing
- c. Filesystem management
- d. Disk quota & partitioning
- e. Basic Unix concepts
- f. Structured Cabling
- g. Shell scripting
- h. A project on network setup for a company which comprised:
  - Setting up a web server to host company sites
  - Setting up a mail server for email facility to the employees
  - Setting up primary and secondary DNS servers for company
  - Implement samba sharing and NFS..

The training was organized by Nettech at BITS-Pilani, Goa Campus.

<b>COMPUTER SKILLS</b>
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- **Programming Languages :** C, C++, Java (J2SE)(Basic)
- **Operating Systems** : Linux (Ubuntu), Microsoft Windows
- **Web Designing** : HTML,CSS,XML,
- **Application Software** : NetBeans IDE , RSA(Rational Software Architect), Eclipse IDE , Dreamweaver
- **Scripting Languages** : JavaScript (Basic), Shell script
- **Server Side Script** : PHP , JSP (Java Server Pages) ,AJAX
- **Database** : MySQL , DB2

### COURSES COMPLETED BY THE END OF V<sup>th</sup> SEMESTER (RELATED TO CSE)

- Data Structures in C/C++ ,
- Design and Analysis of Algorithms,
- Digital Circuits and Logic Design
- Computer Organisation
- Database Systems
- Operating System
- Computer Graphics

### SCHOLASTIC ACHIEVEMENTS :

- Qualified the Highly prestigious **IIT-JEE Entrance Exam 2007, Rank – 2551.**
- Secured AIR-4012 in AIEEE-2007 examination.
- Participated in **OPTIKA** (Computer controlled Robot Based on Image Processing) at **Technex 2008**, Technical Festival of IT-BHU.
- Secured 1<sup>st</sup> position in class XII in MBVB Sr. Sec. School, 2006.
- Received the **Merit cum Means Scholarship from IT-BHU** for session 2007-08 and 2008-09.
- Secured 2<sup>nd</sup> position in **MATHMANIA** ( A programming contest held by ACM CHAPTER ITBHU) and get a certificate by **ACM CHAPTER ITBHU**.
- Secured 1<sup>st</sup> position in Daily Quiz of MATHMANIA and get a Certificate by **ACM CHAPTER ITBHU**.
- Get **YOUNG JAINA AWARD** (A award for JAIN students) held by MAITREE SAMOOH for getting above 85% marks in class 10<sup>th</sup> .

### PERSONAL INFORMATION

**Father's Name** : Mr. Rajendra Kumar Jain  
**Mother's Name** : Mrs. Meera Devi  
**Sex** : Male  
**Nationality** : Indian  
**Permanent Address** : Jariha Mohalla , Ward no.8,  
Rajakhera , Dholpur.  
Rajasthan-328025

### DECLARATION

I hereby declare that all the above information is true to the best of my knowledge.

RAHUL JAIN