GAURAV MAHESHWARI
23 Years, Male, 06SI2011

ACADEMIC QUALIFICATIONS

Qualification	Year	Institute	CGPA / %
MSc. Integrated in Statistics &Informatics	2006 to Present	Indian Institute of Technology, Kharagpur	**8.26/10** (In top **5**/50 of my Department)
Class – XII (CBSE)	2005	Modi Public School, Kota	**85.2%** (Scored **98**/100 in Mathematics)
Class – X (CBSE)	2003	St. Paul's Sen. Sec. School, Jodhpur	**88.6%** (Scored **99**/100 in Mathematics)

ACADEMIC ACHIEVEMENTS & SCHOLARSHIPS

- Got selected for the **DAAD** scholarship 2009 for internship in **Germany**.
- Got selected in the **CRUISE** Program 2009 at **Georgia Institute of Technology, United States.**
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INTERNSHIPS AND PROJECTS

MAY - JULY 2010 GERMANY	Under the guidance of **Prof. Dr. Ansgar Steland** at **RWTH Aachen University, Germany**. **Computational Stochastic Finance-Change Point Analysis:** Added functionality to the Matrix Language Compiler (**P**) developed at Aachen University. **P** is a dialect subset of R for high performance statistics Aiming at **Financial** and **Econometric** data.
MAY – JULY 2009 USA	Under the guidance of **Prof. Dr. Arun K Somani** at **Iowa State University, United States.** **Development of Publisher Subscriber System:** Worked on the development of a software on Publisher Subscriber system in **JAVA** which was used in Meta Query Processing systems and eventually found applications in Fire Alarm Systems and **Stock Markets**
MAY-JULY 2008 USA	Under the guidance of **Prof. Dr. Arun K Somani** at **Iowa State University, United States.** **Video Surveillance System:** This work was part of a **US** Government sponsored project for protection of the power grid in **USA**. The objective was to identify electrical infrastructure (like power lines and towers) and any foreign objects in the vicinity of these infrastructure objects in a video stream. Various heuristics and and machine learning techniques were used. I continued this project in India as well.
M.SC PROJECT 2010-PRESENT	Under the guidance of **Prof. Sourav Mukhopadhyay** at **Indian Institute of Technology, Kharagpur.** **Pedestrian Detection for Video Surveillance :** The project involves the development and implementation of an algorithm for detection of pedestrians in video frames. A model of a pedestrian was learned using different machine learning models and training images which will be then used to detect pedestrians in other images. Opencv Computer Vision Library (C) is used for development.

POSITION OF RESPONSIBILITIES AND EXTRA CURRICULAR ACTIVITIES

GENERAL SECRETARY	Elected for the post of General **Secretary** Mess of my Hostel for the year 2008-2009. Played an important part in Privatisation of the mess in the Hall.
CAPTAIN	Captain of my Hostel's **Ad Design, Bridge and Hindi Dramatic** team for the year 2008-2009 and played an important part in the first time participation of the hostel's team in the inter hall events at **IIT Kharagpur** for these events. Also, led as captain for the **Ad Design** event for the next two consecutive years.
MEMBER	Member of my Hostel's **Lawn tennis** team for the year 2007-2008, 2008-2009 and 2009-2010. Member of my Hostel's **Cricket** team for the year 2007-2008, 2008-2009 and 2009-2010. Coordinator of the **B-Plan in KSHITIJ 2009**, the techno management fest of **IIT Kharagpur.** Member of the **Sankalp** organisation in United States for the poor people in India. .

PHONE: +919733504211 EMAIL: gauravmiitkgp@gmail.com
H-214, HJB HALL, INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR, WEST BENGAL 721302 INDIA