ANSHUL KAMRA

ACADEMIC QUALIFICATIONS

Year	Degree	Board/University	% / CGPA
2011	Integrated MSc Statistics and Informatics	IIT Kharagpur	7.69/10
2005	Class XII	CBSE	90.2 %
2003	Class X	CBSE	84.6 %

DISTINCTIONS

Academic Achievements
- **District Rank 1**, Class XII, CBSE Board Examinations Madurai, Tamil Nadu
- **State rank 45, District Rank 2**, Madurai in National Science Olympiad, 2005

Scholarships
- Annual receiver of AWWA Scholarship for Distinction in Academics, 2003 - onwards
- Assam Rifles Scholarship for distinction in academic and extracurricular activities, 2002
- CNRS (France) scholarship for Assistance ship at GREQAM, Marseille, 2009

Publication
- '*Using Hierarchical linear models to explain the ranking of Universities*' **Journal of Econometrics (forthcoming)**

PPO
- **Pre Placement Offer** from *ICICI Bank* on the basis of excellent performance during Summer Internship

ACADEMIC PROJECTS

MSc Project   Aug 2010 -- Present
- Developing a **Survival analysis** model to identify companies on the **verge of bankruptcy**, The model combines a simple Merton's model (derivative of **Black Scholes Model**) output with other macro factors such as **firm size, capital market indicators** to create a better indicator of Distress in firms over a period of 3 to 6 months
- Collaborating Agency : **ICICI Bank**

Term Projects
- Created a Neural Network model on MATLAB to predict opponent's move in a game of Texas Hold'em Poker, August 2008
- Financial analysis of Merill Lynch balance sheet and inferred factors that eventually led to it's fall, August 2009

INTERNSHIPS

ICICI Bank, Advanced Analytics Group, Mumbai   May 2010 – June 2010
- Created a **Customer Attrition Scorecard**, to identify customers on the verge of attrition from ICICI Bank using **SAS E-Miner**
  - **Improvement of 11%** in capture of customers on the verge of attrition was observed over previous model
- Estimated **ATM transaction potential** at PIN-code level and share of ICICI Bank in it, estimation **improvement by 30%**
- Designed a model to classify ICICI Bank customers into different **catchment areas** based on income and transaction patterns

GREQAM, France   May 2009 -- June 2009
- Studied the impact of using **Hierarchical Linear Models** to rank Universities in an **EU funded** project
- Developed a software to process the Bibliographic data and produce a numerical output to be used for ranking universities

Ducker Research India, Bangalore   May 2008 -- June 2008
- **Developed** a statistical software platform for analysing and inferring the customer responses to the Surveys undertaken
- Platform was integrated into the survey processes of the firm and led to great **improvement in time utilization**

POSITIONS OF RESPONSIBILITY

Co-Founder, Technology Transfer Group
- **Executive Coordinator**, leading 40 students of **Technology Transfer Group**, a first of its kind students' group in Indian campus to serve as an interface between industry and academia for IIT Kharagpur, under Sponsored Research and Industrial Consultancy cell
  - **Head, Industry Contacts -** Instrumental in transfer of 2 technologies and 2 consultancy projects
  - Ongoing talks with 3 other firms for transfer of technology and research collaboration
  - Organizing Head **TEDxIITKgp,** scheduled for 6th February, 2011
  - **37 patents** filed as an outcome of First-ever Patent survey organized in the campus
  - Represented IIT Kharagpur at **2 conferences** to pitch for industry participation
  - Initiated industry sponsored Research Groups- DVC project, Centaurus Pharma Group
- **Head**, **Media and Industry relations**, **IndAc** (an initiative of Technology Transfer Group)
  - Annual exposition of IIT Kharagpur to showcase technologies and Research capabilities
  - Instrumental in bringing in over 60 firms and R&D Institutions viz HLL, ITC, TVS
  - Organised **3 editions of IndAc** over 3 years at Kharagpur, Kolkata and Hyderabad
  - Arranged **sponsorship** of **Rs 50,000** from FICCI

Library Secretary
- Instrumental in establishing an online library system, Patel Hall, 2008

School Captain
- Instrumental in initiating the KV Madurai alumni chapter, KV Madurai, 2005

EXTRA CURRICULAR ACHIEVEMENTS

Arts & Technology
- **Silver**, Open IIT Debate, 2007
- **Team Bronze**, Inter-Hall Dramatics , 2008
- **Team Bronze**, Inter Hall Case Study**,** 2009

Social
- **President, Interact Club**, a Students' arm of Rotary Club, 2005
  - Organized Blood a donation camp and 2 tree plantation initiatives around Madurai City

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