

## KUMAR ANANT

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**OBJECTIVE:** Full time position within an Analytics or Financial Institution, utilizing predictive modeling, analytics & finance skills

### EDUCATION

**University Of Delhi** South Campus, Benito Juarez Marg, Satya Niketan -Dhaura Kuan New Delhi  
**Master of Business Economics (MBE):** Quantitative Techniques in Business & Finance May 2012  
**Relevant Courses:** Micro Economics, Macro Economics, Industrial Economics, Corporate Finance, Project appraisal & Impact analysis, Financial Markets & Institutions , Applied Business Statistics, Basic Econometrics, Time Series Econometrics & Forecasting, Advanced Econometrics , International Economics ,Global Finance, Investment & Portfolio Management, Derivatives & Risk Management  
**Associations:** Éclat Society (Editorial) & Marketing Club  
**Gurukul Kangri University** Faculty of Engg. & Tech., Haridwar- Delhi Road, Jagjeetpur Haridwar (UA)  
**Bachelor of Technolog (BTech):** Electronics & Communication Engineering May 2009  
**Relevant Courses:** Engineering Mathematics & Numerical Analysis, Programming with C & C++, Data Structures & DBMS, Computer Architecture, Computer Networks & Communication Systems, VLSI Design & Digital Technology , Microprocessors & Programming  
**Associations:** JNANAGNI (Annual National Level Tech Fest) & ACES (Academic Club)

### EXPERIENCE

**Quattro Processing and Analytics Services Pvt. Ltd.**([www.quattro.com](http://www.quattro.com)) Gurgaon, NCR  
*Senior Executive, Risk analytics Jun-2012 to Feb-2014*

- Used SAS software for Credit Risk Scorecards development (Application, Behavioral & Collection Scorecards) and other Predictive Modeling assignments in a team environment, and effectively communicated findings and deliverables to the clients
- Worked on R software to deliver Fraud Analytics project (Accuracy of fraud detection increased by ~25%) using decision tree modeling approach which helped in significant reduction of bad- blocks for a fortune 20 bank
- Applied Time Series Forecasting on R platform to forecast the CAO (Call Arrived Over) using BJ Methodology on the historical data for the TSG division of the firm, with forecast accuracy being ~90 % and point forecast error contained well below 10 %
- Delivered the Attrition/Churn Analytics project using SAS platform to the TSG and Risk Management Divisions of the firm for effectively addressing the churn mitigation practice of the firm
- Received Professional Training on Data Security Standards like ISO 27001, DPA and PCI DSS & Fraud –Debit, Credit and Financial Frauds and their tracking & prevention using tools like Taser , Falcon & CA and efficiently utilized it during Fraud Analytics project
- Actively engaged in documenting various client proposals in the domains of Customer Profiling & Segmentation Analytics, Merchant Profitability & MDR pricing analytics, Loyalty & CRM analytics, Fraud analytics etc. for the company
- Developed a comprehensive proposal to initiate the company on ‘Big Data –Hadoop’ platform
- Collaborated with the IT team to decide requisite hardware configuration to upgrade SAS Server

**Steel Authority of India Limited** ([www.sail.co.in](http://www.sail.co.in)) New Delhi  
*Intern, Corporate Finance Jun-July-2011*

- Worked in Corporate Finance division of SAIL ,under AGM Finance involving Financial Statements Analysis & Cash Management
- Completed the project titled ‘Analysis of financial performance & future investment decisions of SAIL’ , with excellent grade

### SKILLS

#### Analytical & Problem Solving Capabilities:

**Quantitative Economics Skills:** Econometrics, Statistics, Time Series Econometrics, Finance, Financial Modeling, Valuation, Risk Scorecard Development, Decision Tree Algorithms (CART & CHAID),Regression Techniques (LMs, NLMs & GLMs), Game Theory

**Quantitative Data Analytics Skills:** Data Mining & Machine Learning, Clustering & Classification Techniques, Factor Analysis, PCA & LDA, Conjoint Analysis, Pattern Recognition & Anomaly Detection, SVM, Neural Networks etc.

#### Programming/ Statistical Modeling Software Modules/Systems-IT Skills:

SAS, R, STATA, MATLAB/GNU-Octave, Python /PANDAS, Excel-VBA, C/C++, Oracle 9i (SQL & PL/SQL), Unix/Shell Scripting, Microsoft Office Suite, HTML/XML/JavaScript, VHDL

### INTERESTS

- Risk Analytics ,Credit Risk Modelling, VaR & Market Risk, Basel Framework, Capital Calculations (PD,LGD, EAD Modeling )
- Analytics, Econometric Modeling , Statistical & Predictive Modeling ,Quantitative Business Analysis, Financial Modeling
- Statistical Algorithms and Data Science , Machine Learning and Automation ,Parallel and Cloud computing
- Hadoop, NoSQL & Big Data Technologies

### ADDITIONAL INFORMATION

- Bilingual: English & Hindi
- Academic Internship at BHEL(Study of TXE- Electronic Telephone Exchange ) Haridwar , Jul-Aug-2008
- Academic Internship at SCL-Vedant (VLSI Designing , Project: Countdown Clock Timer- VHDL code ) Lucknow , August 2007
- Distinguished achievements ( winner & finalist) in various national events during academics at University Level
- Coordinator of various societies, fests and events during academics at University Level
- Graduated amongst top 10% of the graduating class at graduation level
- Website designer for the college's National Level Tech Fest
- Participated in social awareness programs like Walk for life: NGO Can Support, ICSI- Understanding Capital Markets etc.