Udit Gandhi	08D10002
Mechanical Engineering	**Dual Degree (B.Tech+M.Tech.)**
Indian Institute of Technology, Bombay	**Male**
Specialization: Computer Aided Design (CAD) & Automation	**DOB: 21/03/1991**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	8.29

PROFESSIONAL EXPERIENCE

OLAM INTERNATIONAL *Fund Management, Singapore* *(May-Jul, 2011)*

Modelled the production yield of agro-commodities in a global macro commodity futures trading strategy

- Conceptualized and developed the desk's **1st USDA-Bloomberg** based yield forecasting regression model
- Introduced a novel concept of **location wise segmentation**, performed principal component analysis, reducing forecasted error by over **15%** and increasing pricing accuracy by over **5%** across all commodities
- Quantified the logic of crop rotation; proposed relative humidity as a substitute to precipitation, leading to a **40%** rise in explained variance and a **3 fold** improvement in statistical significance levels
- Outperformed USDA 3 month forecasts **(<3% error)** for Corn and Cotton yields for the **last 3 years**
- Reinvited to Singapore to share findings with the fund managers; currently being used as a basis of directional forecasting in a fund with **SGD 30 million AUM**; awarded a letter of recommendation

POSITION OF RESPONSIBILITY

MANAGER, MARKERTING *Entrepreneurship Cell, IIT Bombay* *(Mar, 2010-Feb, 2011)*

"Part of a 20 member core team organizing several initiatives to promote entrepreneurship and innovation"

- Accomplished a **20% Y-o-Y growth**, establishing associations with over 20 corporates to raise **INR 6 million**
- Revamped the marketing structure by introducing new branding plans, leading to a **30% rise** in 2nd tier sponsors
- Successfully pitched to alumni, establishing a **USD 200,000** fund to finance IIT Bombay ventures
- Guided a 2 tier team of 30 students to generate an output of **INR 0.5 million** solely from the volunteers
- Forged a deal with IBM introducing a green initiative in Eureka'10, getting cash sponsorships of INR 0.5 million and **INR 4 million** worth mentoring from the IBM Innovation centre

CERTIFICATIONS AND CREDENTIALS

- **Fundamental Analysis:** Cleared Chartered Financial Analyst (**CFA**) level 1 *(Jun, 2012)*
- **Technical Analysis:** Cleared Chartered Market Technician (**CMT**) level 1 *(Oct, 2011)*
- **Computer Skills:** C++, VBA, Bloomberg Terminal
- **Statisitical Tools:** Stata, R, Excel Ms
- **Bloomberg Assessment Test(BAT)** Score: **78.4** (**98** Percentile) *(Jul, 2012)*
  Standardized test evaluated on Career Skills and Finance Knowledge and Aptitude, over 50,000 testtakers globally
  - Ranked **1st** in **India** and **7th worldwide** amongst 2400 engineering undergraduates

KEY ACADEMIC PROJECTS

INVENTORY OPTIMIZATION UNDER UNCERTAINTY *Masters' dissertation* *(Jul, 2012-Present)*

Devising an optimal order policy to minimize the total inventory setup and holding costs under demand uncertainty

- Developing a **dynamic lot-size** model to optimize inventory levels under a set service level policy
- Modelled demand uncertainty in a **constraint based framework** from historical time series data

CORPORATE VALUATION MODELS *(Mar-Apr, 2011)*

- Studied different valuation models like DCF, Asset based valuation, Comparables and Contingent claim methods
- Conducted a case study of valuing Tata Motors using a 2 stage FCFF valuation model

EXTRACURRICULAR ACTIVITIES

- Secured **1st** for building the fastest car in F1 Car making competition organized by Technic, IIT Bombay'08
- Member of the **Gold** winning team at Inter hostel Swimming General Championship '10
- Stood **2nd**(doubles) and **4th** (singles) in all Gujarat open Table Tennis tournament'06
- Passionate about **fitness** and **nutrition**, religiously devote 6hrs a week towards training; reduced 50kgs over 4 years