

INTERNSHIP EXPERIENCES

DEUTSCHE BANK GLOBAL MARKETS DIVISION, MUMBAI

Advisory Team, Asia Pacific Desk

May'18 - Jul'18

- Developed a **Client Solution tool**, supported by **excel VBA** for opportunity identification, custom analysis and derivative pricing of hedging solutions for all Asian currency pairs vs USD and EUR
- Executed custom **Value at Risk** and **correlation matrix** analysis to compare geographical risk exposures of an electronic company
- Deployed **Cost Savings Analysis** for onshore and offshore curves
- Researched historical and implied **volatilities** and utilized **Black Scholes model** for **pricing currency pair** call and put options
- Desk work:** Biweekly M&A posts, trading range updates and company benchmarking; use of tool increased efficiency by **25%**

INDIAN SCHOOL OF BUSINESS, HYDERABAD

Research Intern, Centre for Analytical Finance

May'17 - Jul'17

Received **Letter of Recommendation** from director, CAF

- Devised algorithms in **Python and VBA** to analyze and implement five **trading strategies** in the Indian Equity Markets
- Calculated **complexity** of FTSE800 reports, performed **sentiment analysis** and incorporated results in WordCloud using **R**
- Evaluated **related party transactions** with respect to Corporate Governance standards and violations in India, recommendations from this research included in final report to the **SEBI Committee**

GREAT EASTERN SHIPPING CO. LTD., MUMBAI

Intern, Finance and Accounting Department

May'16 - Jun'16

- Familiarized with Books of Accounts, journal entries, annual reports
- Compared **investment options** on basis of **IRR** and **NPV** values

POSITIONS OF RESPONSIBILITY

INSTITUTE STUDENT MENTORSHIP PROGRAM

Institute Student Mentor

Apr'18 - present

- One of **92 mentors** selected from **290 applicants** after rigorous screening based on **peer reviews** and **all-round performance**
- Mentoring and guiding a batch of 12 freshmen to help them cope in their academic, personal and extra-curricular endeavors

INTERNATIONAL RELATIONS OFFICE

Exchange Buddy

Dec'17 - present

- Facilitating smooth transition of incoming exchange students

IIT BOMBAY SPORTS COUNCIL

Institute Sports Convener

Apr'16 - Mar'17

- Successfully executed** inter-hostel championships and events
- Contributed to girls' sports mentorship program by motivating participation in **unconventional sports** - cricket, hockey, football

KEY PROJECTS

PRODUCTION LINE IN SMALL SCALE INDUSTRIES

Prof. K.P.Karunakaran, Course Project

Mar'18 - Apr'18

- Conducted **extensive floor survey** to identify **scope for automation**
- Result: Effective space utilization, improved finishing & productivity

HANDWRITING RECOGNITION USING MACHINE LEARNING

Prof. Preethi Jyothi, Course Project

Jan'18 - Apr'18

- Compared performance of **CNN, SVM, Capsule Nets** on MNIST
- Computed **confusion matrix** for error identification and accuracy

OTHELLO GAME AI IMPLEMENTATION

Prof. Ganesh Ramakrishnan, Course Project

Jan'17 - Apr'17

- Implemented **negamax algorithm** and employed graphics
- Applied vectors and game trees with reduced time complexity

LEADERSHIP & EXCHANGE PROGRAMS

FUTURE LEADERS CONGRESS

Thailand

Chosen from across Asia Pacific as India delegate to solve the **world's biggest problems** Sep'18

SOUTH AMERICAN BUSINESS FORUM

Argentina

One of 100 delegates invited from across the world to tackle **sustainable development** issues Aug'18

WOMEN EMERGING IN FINANCE

Bangalore

Selected across IITs and IIMs by Goldman Sachs on basis of interior design business model draft Jan'18

SEMESTER EXCHANGE, NTU

Singapore

Nominated for semester long cultural immersion and education at **Asia's top university** Aug'17 - Dec'17

INDIAN YOUTH DELEGATION

South Korea

Represented India in the 10 - day **cultural exchange** and participated in Homestay program May'17

ACADEMIC ACHIEVEMENTS

- Pursuing **Minor in Computer Science & Engineering**
- Changed branch from **Civil** to **Mechanical** owing to exceptional academic performance 2016
- Secured **5th rank** overall, **1st rank** among girls in Common Engineering Tests in Maharashtra 2015
- Rank 166** in JEE Mains (out of 1.3 million) 2015
- Achieved **rank 1** in Mumbai in Higher Secondary Certificate Board Examinations 2015
- Recipient of Maharashtra State and eligible for Dhirubhai Ambani Scholarships 2015

CERTIFICATIONS

- Bloomberg Market Concepts • Finance Bootcamp
- KPMG Lean Six Sigma Green Belt • Thomson Reuters
- Certified Marketing Analytics Practitioner

EXTRACURRICULAR ACTIVITIES

SPORTS

- Represented IIT Bombay as a member of **basketball** team at 51st Inter-IIT Sports Meet, Kanpur
- Awarded Hostel **Sports Special Mention** for contribution to the hostel's sports culture
- Bestowed **Hostel Player** of the Chess GC
- Secured gold in KJ Somaiya's sports fest SKREAM, silver in the ICT basketball tournaments
- Bagged **Gold** in Tug of War and Basketball GCs; Silver in Squash and Chess GCs; Bronze in Carrom GC

CULTURALS

- Finalist** of group dance BollyNritya competition in Kaleidoscope, cultural fest of Sophia College
- Actively participated in institute dance and drama showcases (PAF, AIDS, Salsa Night, Arabian Nights)
- Awarded **Trinity Guildhall** for clearing Speech and Drama Grade 1, 2 and 3 with distinction

COMMUNITY SERVICE

- Conceptualized the Dhyanchand Donation Drive for donating old sports equipment in orphanages
- Participated in beach clean-up post Ganesh Visarjan
- Did **Socially Useful Productive Work**, performed a play on women education in Alibaug villages