

| ACADEMIC QUALIFICATIONS | | | |
|---|-----------|---|------------|
| Examination | Year | Board/University | Percentage |
| B.E.(Instrumentation and control Engineering) | 2013-2017 | Netaji Subhas Institute of Technology, Delhi University | 70.45 |
| Class XII | 2013 | CBSE | 89.60 |
| Class X | 2011 | CBSE | 89.30 |

EXPERIENCE

Associate Consultant, (Risk Advisory), Ernst and Young

Portfolio Stress Testing of different asset classes (Equity, FX, etc.) for a top Investment Bank

- Working with stakeholders, traders to determine the Profit and Loss on underlying asset in market under stressed conditions
- Optimized template for weekly KPI using SQL, HUE and Excel catering to PNL numbers due to Greeks for Equities and FX reducing process time by 50%
- Enhanced the week over week Completeness and Accuracy for Global Equity Derivatives using Tableau
- Implementation of Scenario design and Shocks Calibration to compute Greeks for Asset classes at Trade level and Bank Level

Risk Analyst, Evalueserve, Gurugram

Model Development Testing and Documentation of derivative pricing models based on Equity for a top global investment bank

- Working with front office Quants, understanding the features of particular exotic products to end and deciding various test plans required as per MDDT regulatory requirements
- Implemented various model validation test namely benchmarking, limiting, hedging, convergence, stress etc. on Monte-Carlo based and Analytical models to calculate the contract price and Greeks under various market scenarios using C# and N-Unit testing framework
- Verified C# results for various tests after recreating the results in GEDI, Microsoft Excel Extension based in-house product
- Developed model analysis reports catering to the test plan and reporting various shortcomings and issues faced in the testing
- Documented final test results according to MDDT requirements using LATEX tool for Pdf generation
- Certified for completing Internal Quantitative Finance Program basics of Time Value Money, and Derivatives in an overall cumulative score of (60.5/100)

Business research, Hello Travel, Indiamart, Noida

- Prepared a project report which included various parts of India for tourism purpose in about 1000 research questions
- Performed a benchmarking study on different venues of India by studying market parameters to increase the business from Impact Company increased business by 30 percent during that season; received letter of appreciation for my efforts

Hard Skills: - MS Office (Excel, Word etc.), C, SQL, Tableau, LATEX and MATLAB

PROJECT AND TECHNICAL SKILLS

Blood Glucose Control, NSIT

- Prepared a project report describing the variation of Glucose level in human body
- Analyzed the variation of glucose level by implementing the CONTROL SYSTEM Differential Equations in MATLAB

Impact: Successfully able to achieved the desired glucose level by Open loop and Close loop control system method

POSITION OF RESPONSIBILITY

Sports Secretary, NSIT

- Responsible for Sports and Fitness program for 1000 students; among 7(out of 750) in the batch to be selected
- Instrumental in strategizing Winter Sports Annual Sports Meet for students to get out of their hectic schedule
- Co-organized first ever sports fest “Triquetra” of all professional institution of Delhi NCR

Director of Community Services, Rotaract Club of NSIT Regency

- Co-lead a team of 400+ students more than 25 events lead across the two years
- Collaborated with NGOs Jaagriti, Anugrah Foundation, Earth Savior’s Foundation, RYLA, Don Bosco
- Initiated Saveria newsletter to articulate the events organised by our club, along with articles on social issues

Event Organsier, Moksha, Annual cultural fest, NSIT

- Co-Organised Delhi Quiz, Sports Quiz and Online Video dubbing events witnessing participation of 500+ students Delhi NCR
- Generated grants of 35,000 INR from large corporations such as BOI and Gopaljee for the event

ACADEMIC DISTINCTIONS

- Awarded Student of the Year being disciplined, most consistent performer in academics and co-curricular activities 2013
- Selected among 5, in the batch of 450+ candidates for the Ramanujan Mathematics Olympiad
- Secured BRONZE medal in school at International Mathematics Olympiad
- Awarded Merit scholarship academic excellence for three consecutive years
- Holder of Math’s Scholar Award scoring over 94 % for 5 consecutive year

EXTRA - CURRICULAR ACTIVITIES & ACHIEVEMENTS

- Awarded “Man of the match” against ALBERTON CRICKET CLUB (SOUTH AFRICA) representing NSIT (INDIA)
- Part of Award winning delegation to TWARAN, 2016 IITM Gwalior with bagging overall 2nd spot across the country; Winners Cricket Silver medalist in 4*100 relay; Semifinalist in Cricket at IIT BHU Sports fest , SPARDHA 2015 & 2016
- Selected for Ozone Layer Quiz Competition organized by Ministry of Environment And Forest