

Nitish Thakurele

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PROFILE

Skills: Quantitative Research and Data Analysis, Data Visualisation, Macros based Automation

Tools: Stata, Tableau, VBA, SQL, Matlab, Python, MS Excel

GRE Quantitative Score: 170/170

WORK EXPERIENCE

Indian School of Business, Research Associate

Jul'23-June'25

Prof. Karthik Balakrishnan - Accounting

- Assisted on a working paper to gain a better understanding of data and research in the **US Banking** domain
- Replicated main results of various research papers in **Value Investing, Forecasting** and, **DuPont analysis** with life-cycle calibration. Also, further examined the results using firms in the **Indian capital market**
- Contributed to in-class material and assignments for MBA course **Business Valuation using Financial Statements**

American Express, Senior Analyst

Feb'22-June'23

Product Management & Lending - Analytics

- Support USA partners on a Buy Now-Pay Later product **Plan It** by fulfilling analytical and data visualisation needs
- Collaborated with the -President of the team in re-designing and increasing utility of **tableau based reporting toolkit**
- Refreshed **forecast** and re-built using a new methodology enabling **variance decomposition** feature
- Worked on algorithms like **K-Nearest Neighbor, XG boost** and used statistical methods for advanced analytics
- Successfully completed *Harvard Leadership Edge certificate* course on "**Drive Decision-Making with Data**"
- **Fast track promotion** from Analyst to Senior Analyst in less than 12 months

Axis Bank, Manager

July'17-Aug'18

Internal Audit Department - Analytics

- Worked with the *Chief Audit Executive* in designing of Continuous Control & Monitoring **Audit Dashboard**
- Liaised with Deloitte Consulting team working on an project and ensured seamless handover
- Assisted in **automation of internal audits**, prepared reports on fraud and implemented **risk rating framework**

EDUCATION

Simon Business School

Ph.D. in Business Administration 2025-

- **Concentration: Accounting**

Delhi School of Economics

M.A. Economics 2015-'17

- **Cleared National level entrance examination** having more than 4000 applications

Shiv Nadar University

B.Sc. (Research) Mathematics 2011-'15

- **Top 10 % of the Graduating Class** among a cohort of more than 250 students

INTERNSHIPS/ ON-CAMPUS JOBS

Research Intern, Centre for Analytical Finance, Indian School of Business

2 months

- Worked on a trading strategy with *Prof. Prasanna Tantri* and replicated results of an asset pricing paper **Momentum Crashes (2016)**
- Volunteered at and helped in organizing the Annual Summer Research Conference

Research Associate, Centre for Emerging Societies, Shiv Nadar University

11 months

- Assisted *Prof. Sankar De* and *Prof. Geetanjali Sen* on project linking Credit Access to Infrastructure
- Responsibilities involved data collection and data set compilation spanning over 30 years

Student Tutor, Dept. of Mathematics, Shiv Nadar University

3 months

- Amongst the only 3 undergraduates selected to tutor **Probability & Statistics** course to 60 students
- Designed recitation lectures and helped with grading of examination papers

AWARDS AND SCHOLARSHIP

Poster Award at First National Conference on Mapping the "Material Genome", Shiv Nadar University

M.T.T.S Scholar: Selected for National Mathematics Training and Talent Search (MTTS) program

Merit Scholarship, Shiv Nadar University: Tuition fee waiver for 4 years of undergraduate study

ACADEMIC PROJECTS

Analysis of term structure of interest rates

- Estimated the Yield Curve for Government Security and T-Bills using interpolation

Animal Communication using Game theory techniques and Graph theory

- Modeled a structure of species interaction based on possible strategies and payoffs

Analysis of the stock prices using Technical Analysis

- Predicted the stock prices and reviewed the virtual investment results

POSITIONS OF RESPONSIBILITY

Placement Head Coordinator, Dept. of Economics, Delhi School of Economics

- Led a team of 15 coordinators handling placement of 300+ students and collaborated with 30+ companies
- Maintained 100% placement record and organized specialized training in R, Leadership Summit

Founding member and President, Dramatics Society, Shiv Nadar Univeristy

- Co-directed a street play and a musical, and wrote the scripts for three skits and street plays

PERSONAL INTERESTS

Hindi Poetry writing

EXTRA CURRICULAR ACTIVITIES

Volunteer, Interdisciplinary Conference at Shiv Nadar University

- Organizing Committee member of the conference on the Science & Application of Networks
- Effectively managed logistics and operations, coordinating with Ph.D. students

Mentor, The Mathematics Club, Shiv Nadar University

- Helped in the formulation of the road map for the club and planned various club activities
- Designed the first ever merchandise for the mathematics club and the department

RELEVANT COURSEWORK

Doctoral level courses taken at Indian School of Business

- Capital Market Research in Accounting-I by **Prof. Anup Srivastava**
- Empirical Asset Pricing-II by **Prof. Vikas Agarwal**
- Econometrics-I & -II by **Prof. Samarjit Das**
- Applied Econometrics by **Prof. Hari Ramasubramanian**
- Capital Market Research in Accounting-II by **Prof. Hariom Manchiraju**
- Causal Inference by **Prof. Sanjay Kallapur**
- Theory of Information Economics by **Prof. Ram Ramanan**
- Special Topics in Financial Accounting Research by **Prof. Karthik Balakrishnan**

Graduate level courses taken at Delhi School of Economics

- Mathematical Economics
- Econometric Methods
- Topics in Economic Theory
- Industrial Organization

Graduate level courses taken at Shiv Nadar University

- Mathematical Methods
- Computational Economics
- Econometrics-I
- Microeconomics
- Topology (audit)

Undergraduate level courses taken at Shiv Nadar University

- Real Analysis-I
- Linear Algebra
- Algebra-I
- Measure & Probability
- Mathematical Finance
- Optimization-I
- Game Theory