

Shounak Chakraborty

Doctoral student (Finance), National University of Singapore, Singapore
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EDUCATION

National University of Singapore, Singapore,
Doctor of Philosophy, Finance

Aug 2025 — Present

Indian Institute of Management, Ahmedabad
Master of Business Administration

Mar 2020

Indian Institute of Technology, Kharagpur
Bachelor of Technology (hons.), Electronics and Electrical Communications Engineering

Jul 2016

WORKING PAPERS

The Maturity-Liquidity Trap of Green Transition

- The research aims to develop a structural macro-finance model of financial fragility during green transition whereby brown collaterals become information-sensitive assets before green alternatives have reached necessary standardization

Natural disasters and a model for risk spillover in a banking network

- The research aims to build a dynamic model for risk spillover in a national banking network across geographical regions after natural disasters, using financial data from 38 Indian banks between 2005 and 2022

Benchmarking the spot price of gold in India using a Hidden Markov Model approach

- The research uses a Hidden Markov Model (HMM) approach to quantify the role of speculative price-setting in an oligopolistic market for gold

Research Assistant

A post-war analysis of gendered rhetoric in corporate communications

- Research project under Arkodipta Sarkar (*NUS Business School*), Harsha Dutta (*Imperial Business School*), and Shikhar Singla (*University of Texas, Austin*)

ACADEMIC WORKSHOPS AND CONFERENCES

Society for Financial Econometrics (SoFiE) Summer School on "Climate Finance"
July, 2026

NYU Shanghai

- Attended the rigorous academic program under the supervision of Prof. Johannes Stroebel and Prof. Theresa Kuchler

Macro, Money, & Finance Summer School
May-Jun, 2026

Bendheim Centre of Finance (Online)

- Successfully completed the intensive summer program directed by Prof. Marcus Brunnermeier, formulating and solving continuous-time finance problems

Behavioral Finance Workshop
Mar, 2026

NUS

- Completed the 5-day intensive workshop on Behavioral Finance hosted by Prof. Peter Maxted and Prof. Cameron Peng

Conference Participation (Attendee)

- 13th ABFER Annual Conference, Singapore May, 2026
- RMI Annual Risk Management Conference, Singapore August, 2026

TEACHING ASSISTANT

- Financial Management
- Foundations of Investment
- Entrepreneurial Finance
- Investment Analysis and Portfolio Management

COURSES TAKEN

- Empirical Asset Pricing and Microstructure
- Advanced Topics in Monetary Economics
- Macroeconomic Theory
- Applied Econometrics
- Microeconomic Analysis
- Corporate Finance
- Household Finance
- Investments
- Econometric Analysis

RESEARCH EXPERIENCES

Misra Centre for Financial Markets and Economy

Associate Researcher

Ahmedabad

Jan 2023 — Jun 2025

Policy Papers

- Macroprudential policies and household credit: Comparative analysis across BRICS and Developed Economies
- Future of Employment in India: Realising the Demographic Dividend in Industry 4.0
- The role of Global Financial Centres in the growth of NDF markets: A Case Study

Project-based Research

- **Ease of Doing Business in Indian states**
 - Mapped and analyzed data on 1.6 million Indian firms from nearly 20 databases
 - Designed survey of approx. 50,000 firms to gauge perception of administrative and regulatory environment across 9 parameters

Additional Research Activity

- Reviewer for the **Journal of Quantitative Economics**

G. S. Sanyal School of Telecommunications

Undergraduate Researcher

Kharagpur

Jan 2015 — Dec 2015

- Research paper on “Maximum Likelihood Estimation (MLE) of Carrier Frequency Offset in 5G GFDM Systems”
- Design and Implementation of Free Space Optical Communication Link for Onboard Data Handling (OBDH) in satellites

PROFESSIONAL EXPERIENCES

Associate, Global Markets Structuring, Nomura International Hong Kong

May 2020 — Jun 2022

- Structured hybrid products and quant indices for clients across APAC and managed a trading book worth \$200M
- Led the business of auto-callables and structured derivatives linked to ESG funds and indices with revenue worth \$3M

Spring Intern, Nomura Singapore Limited

Apr 2019 — May 2019

- Interned with the Fixed Income derivatives desk and was awarded the Pre-Placement Offer for exemplary performance
- Devised and implemented Foreign exchange (Fx) derivative trading strategy using market sentiment analysis

Senior Associate, Commercial Banking, Capital One Financial Services

Feb 2016 — Mar 2018

- Worked in Commercial Banking in a Business Strategy and Risk function covering US markets
- Awarded the Best performer award in Q3, 2016, Q1, 2017 and Q3, 2017

Summer Intern, Deutsche Bank CIB

May 2012 — Jul 2012

- Worked in the Fixed Income desk covering CEEMEA markets

SCHOLASTIC ACHIEVEMENTS

- Achieved **100-percentile** in Common Admission Test (CAT) among 170,000 applicants for admission into the top business schools in India (IIMs) Jan 2016
- All-India Rank of **565** in Joint Entrance Examination (IIT-JEE) among 500,000 applicants for admission into the top engineering schools in India (IITs) May 2009
- Awarded the **KVPY** scholarship by Government of India in 2009; national scholarship for top 1% of Senior Secondary School students in India granted through a national examination Mar 2009
- Awarded the **NTSE** scholarship by Government of India in 2007; national scholarship for the top 0.2% of Secondary School students in India granted through state-level and national examinations Jul 2007
- Co-authored the first edition of “Indian Art and Culture” by Nitin Singhanian, published by McGraw-Hill, 2016