

Arnab Choudhury
New York City | ac5449@gsb.columbia.edu | (+1)929-684-7352
Website: arnabchoudhury.net

Academics

Ph.D. (Management) – Strategy

Columbia Business School – Columbia University

Area of Research – Technology Management, Economics of Innovation, Strategic Decision Making under Uncertainties.
August 2023 to present- [Profile](#).

Master of Science (M.Sc.)

Applied Mathematics (Special Interest: Algorithmic Topology)

Gold Medal (Rank 1)

Bachelor of Science (B.Sc.)

Theoretical Mathematics

Honors in Mathematics (Top 5th Percentile)

Research Experience

Affiliate Researcher, MIT FutureTech Lab

MIT - Computer Science and Artificial Intelligence Laboratory (CSAIL)

Massachusetts Institute of Technology.

(Jan 2024 – present)

<https://futuretech.mit.edu/team/arnab-choudhury>

Pre-Doctoral Researcher – ISB

Indian School of Business

Strategy (Innovation Management)

(August 2020-July 2023)

Publications and Revisions

1. Economic Nationalism and the Home Court Advantage.

- Choudhury, Arnab; Jandhyala, Srividya; Nandkumar, Anand.

Current Stage: **Conditionally Accepted for Publication**- *Strategic Management Journal (SMJ)*

Other publication: *AOM Proceedings 2021*.

AOM Proceedings Publication: (<https://doi.org/10.5465/AMBPP.2021.22>)

Finalist - [Best Paper](#) (Georgetown IM Division – AOM 2021).

2. How do Stock Market Expectations Condition Incumbents' Response To Radical Technological Change?

- Nandkumar, Anand; Mani, Deepa; Bharadwaj, Anandhi; Choudhury, Arnab.

Current Stage: **Submitted** – *Strategic Management Journal (SMJ)*

Other publication: *AOM Proceedings 2023*.

AOM Proceedings: (<https://doi.org/10.5465/AMPROC.2023.17528abstract>)

Division: Technology and Innovation Management.

Working Projects:

1. Computational Nationalism Index for US Firms.

- Independent Study with Lori Yue (Columbia Business School)
- Developing a construct of *Nationalism* for listed US firms, using NLP/ Text Analytics.

2. Topological Intervention in Strategic Decision Making under Uncertainties in Higher Dimension.

- Independent Research Project with Alfonso Gambardella (Bocconi University) and Arnaldo Camuffo (Bocconi University).

3. **Quantum Market Advantage – Economics of Quantum Computers and Information Technology.**
 - Independent Research Project with FutureTech Lab – CSAIL, MIT.
 - Focus on the economics of Quantum Computers, and Quantum Technology Advantage.
4. **Change in Patent Regime and The Role of Branded and Generic Drugs on Price and Quantity: Evidence from the Indian Pharmaceutical Industry 1995-2009.**
 - Nandkumar, Anand (ISB); Dutta, Shantanu (USC-Marshall School of Business); Vishwanathan, Madhu (ISB); Choudhury, Arnab (Columbia Business School).
5. **Developing Gradient Boosting (a decision tree-based ML algorithm for prediction) as an alternative methodology for the Heckman 2 Stage Sample Selection Correction Algorithm.**
 - Independent Project. Seeking Co-author.
6. **Science of Quantum Information Technology.**
 - Independent Project with Jorge Guzman (Columbia Business School)

Conferences:

1. **Management, Analytics, and Data (MAD) Conference – 2024, New York, USA**
Columbia Business School.
Area: Data, Regulation and Industry.
2. **Academy of Management (AOM) Annual Conference – 2023, Boston, USA.**
Paper: How do Stock Market Expectations Condition Incumbents' Response to Radical Technological Change?
Area: Technology and Innovation Management.
3. **Academy of Management (AOM) Annual Conference – 2021, Online.**
Paper: Economic Nationalism and The Home Court Advantage.
Area: International Management (Georgetown IM Division)
4. **Strategy Science Conference – 2021, Harvard Business School, USA.**
Paper: Economic Nationalism and The Home Court Advantage.
Area: Strategy Across Borders.
5. **Non-Market Strategy Research Community Seminar – 2021, Online.**
Paper: Economic Nationalism and the Home Court Advantage.
Area: Non-Market Strategy.
6. **ISB Seminar Series – Strategy.**
Paper: How do Stock Market Expectations Condition Incumbents' Response To Radical Technological Change?
Area: Technology and Innovation Management (TIM)

Test Scores:

1. **Graduate Record Examination (GRE).**

Scores: Total: 334/340; Verbal: 164/170; Quant: 170/170.
Percentiles: Verbal: 94th percentile; Quant: 97th percentile.

Web Platforms:

1. LinkedIn profile: [LinkedIn/Arnab](#)
2. Google Scholar profile: [Scholar/Arnab](#)
3. ResearchGate profile: [ResearchGate/Arnab](#)
4. GitHub account: [GitHub/Arnab](#)

Contact Info:

Arnab Choudhury
401 West 118th Street, 21A. New York City,
Mail: ac5449@gsb.columbia.edu / ac5449@columbia.edu / lbs.arnab@gmail.com