

## Anand Shah

avshah@mit.edu • 847-777-9809 • 64 Pleasant St, Cambridge MA 02139

### EDUCATION

#### MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Ph.D. in Management Research (IT Economics)

Cambridge, MA

Started, August 2023

#### THE UNIVERSITY OF CHICAGO

B.S. Mathematics, B.A. Economics (with Honors)

Chicago, IL

Completed, June 2021

Notable Coursework: **Analysis** (Graduate, joint with Stats / Applied Math PhDs), **Price Theory** (Graduate), **Market Design** (Graduate), **Honors Game Theory**, **Honors Mechanism Design**, **Honors Econometrics**

### EXPERIENCE

#### MIT Sloan, Initiative on the Digital Economy

Graduate Research Associate with Prof. John Horton

Cambridge, MA

June 2024 – Current

- Research on the optimal design of LLM proxies in economic mechanisms (specifically, auction theory).

#### Blueprint Labs

Graduate Research Associate with Prof. Parag Pathak

Cambridge, MA

June 2024 – Current

- Research in the economics of education (specifically, pre-k) and market design (school choice).

#### Chicago Booth

Research Professional for Profs. Eric Budish, Jacob Leshno

Chicago, IL

June 2021 – May 2023

- Theory and empirics for projects in the economic security of consensus, financial market microstructure, two-sided matching markets (school choice), and queueing theory. Data cleaning, analysis and proof-based argumentation.

### PAPERS

#### Learning from Synthetic Labs: Language Models as Auction Participants

NeurIPS Behavioral Machine Learning 2024 (Anand Shah, Kehang Zhu, et al.)

Cambridge, MA

December 2024

#### The Ruble Collapse in an Online Marketplace

R&R at the Journal of Labor Economics (John Horton, Anand Shah, Peyman Shahidi)

Cambridge, MA

July 2024

### AWARDS

#### UChicago Economics Department

David S. Hu Undergraduate Thesis Award (advised by Prof. Phil Reny)

Chicago, IL

June 2021

- Designed a theoretical matching market to de-escalate arms race dynamics in political fundraising.
- Pursued professionally with support of political consultant Rina Bharara (Rilax Strategies).

#### U.S. State Department and Indian Embassy

Fulbright Grantee

New Delhi, India

May 2021

- Awarded a research fellowship to study rural female labor force participation and the Indian farmer suicide crisis.

### VOLUNTEERING & ACTIVITIES

#### Mechanism Design for Social Good

Non-Profit Organization Civic Participation Working Group Member

January 2022 – 2023

- Discussant on bi-weekly research conversations on mechanism design topics (social choice and voting theory).

#### Young Jains of America

Non-Profit Organization, Director of Events

September 2016 – October 2022

- Organize interfaith, social impact, and educational programming for 10,000+ Jains across U.S. and Canada.

### SKILLS & PROFESSIONAL SERVICE

**Technical Skills:** Proficient in Julia, Python, R, Mathematica (Wolfram Alpha), Matlab

**Languages:** Fluent in Gujarati (spoken, written); Proficient in Spanish (spoken, written), Hindi (spoken, written)

**Referee:** Management Science