

Sanchaita Hazra

PhD Student, University of Utah

Dept. of Economics
University of Utah, Salt Lake City
☎ (+1) 801-577-1813
✉ sanchaita.hazra@utah.edu
🌐 www.sanchaitahazra.com

Education

- 2021 – Now **PhD in Economics**, *University of Utah, Salt Lake City*
Committee: Haimanti Bhattacharya (co-advisor), Subhasish Dugar (co-advisor), Gabriel A. Lozada (UUtah), Daniel Martin (UCSB), Chirs Callison-Burch (UPenn)
Interests: Experimental Economics, Applied Microeconomics, Game Theory, Human-AI Collaboration
- 2016 – 2018 **Masters in Economics**, *University of Calcutta, Kolkata*
Special Papers: Game Theory and Information, Experimental Economics, Labor Economics
- 2013 – 2016 **Bachelors in Economics**, *Gokhale Memorial Girls' College, University of Calcutta*

Experiences

- Aug 2022–Now **Associate Instructor**, *University of Utah, Salt Lake City*
- Probability and Statistics: Summer 2025
 - Principles of Macroeconomics: Summer 2024
 - Principles of Microeconomics: Fall 2023, Spring 2024, Fall 2024
 - Intermediate Microeconomics: Econ 6010; Summer 2023
 - Departmental Tutoring Instructor (QPod): Spring 20205, Spring 2024, Spring 2023, Fall 2022
- Jan–Aug 2021 **Lecturer**, *Women's Christian College, University of Calcutta, Kolkata*
- Undergraduate courses on Microeconomics, Mathematical Economics, Rural Development, and Comparative Development
- 2019–2021 **Statistician**, *DeepFlux*
Mentor: Harshit Surana
- Sales forecasting for Fortune 500 companies using state-of-the-art algorithms based on autoregressive factors, fusing product engagement from social media and inventory information
Technical Report: [Can Digital Signals Predict Automobile Signals?](#)
- Jul 2018–Jul 2020 **Research Assistant**, *Indian Statistical Institute, Kolkata*
Mentor: Dr. Priyodorshi Banerjee and Dr. Sanmitra Ghosh
- Data Collection for field experiments, Data management, Static and dynamic data modeling
- Jul 2015–Aug 2021 **Founder**, *Alankar, India*
- A women-run online jewelry selling [entity](#), serving 3000+ customers

Awards

- 2024 CSBS Graduate Travel Awards, The University of Utah
- 2024 Haskell Research Award of \$1,500, Department of Economics, The University of Utah
- 2023 Graduate Student Travel Assistance Award, The University of Utah
- 2023 Research Award of \$3,000, Global Change and Sustainability Center and the Wilkes Center for Climate Science & Policy, The University of Utah

Research Works

Published Papers

- July 2024 **Data-driven Discovery with Large Generative Models**, [[pdf](#), [blog](#)]
International Conference on Machine Learning (ICML), 2024
with Bodhisattwa P. Majumder, Harshit Surana, Dhruv Agarwal, Ashish Sabharwal and Peter Clark
- We posit a practical first step towards automating end-to-end scientific discovery where Large Generative Models exhibit incredible potential; however, they alone are not enough.
- June 2024 **To Tell The Truth: Language of Deception and Language Models**, [[pdf](#)]
North American Chapter of the Association for Computational Linguistics (NAACL, Oral), 2024
with Bodhisattwa P. Majumder
- We show that there exists a class of algorithmic detectors that have similar but complementary truth detection performance compared to human subjects only based on textual cues.

June 2023 **Experience, learning and the detection of deception**, [\[pdf\]](#)

Journal of Economic Criminology

with Priyodorshi Banerjee and Sanmitra Ghosh

- We observe the effect of repeated exposure in deceptive environments reduces detection error, enabling learning in a high-stakes, quasi-naturalistic environment of a game show.

Working Papers

JMP **The Good, the Bad and the Ugly: Effects of AI Quality Information on Detecting Text-Based Lies**, [\[pdf\]](#)

with Bodhisattwa P. Majumder, Haimanti Bhattacharya, Subhasish Dugar

- To what extent do individuals rely on AI to improve their ability to detect lies? We provide experimental evidence that not disclosing the AI's efficacy helps proliferate textual lies if the AI is low-quality while revealing the AI's capabilities can lead to appropriate reliance on the AI, irrespective of its quality.

Uneven Trust in LLMs: Beliefs About Accuracy Vary Across 11 Countries

with Marta Serra-Garcia

- We examine whether individuals can identify factual incorrectness in an LLM (GPT) when asked questions about different US and international policy-relevant topics.

Position: AI Safety should prioritize the Future of Work

with Tuhin Chakrabarty and Bodhisattwa P. Majumder

- We highlight a lack of focus on the future of work in the AI safety discourse and recommend a pro-worker AI governance framework to protect labor rights.

Work in Progress

Adoption of AI-assistance in Scientific Writing

with Sachin Kumar and Bodhisattwa P. Majumder

Groups, Incentives, and Detection of Lies

Eliminating a lie—can AI help?

Book Reviews

2024 **More than a Glitch: Confronting Race, Gender, and Ability Bias in Tech?**

Feminist Economics (Forthcoming)

Theses

2017 - 2018 **Master's Thesis**, *Dropouts and Under-age Marriage in West Bengal*

Keywords: Under-age marriage, Dropouts, PCA, Biprobit Analysis

2015 - 2016 **Undergraduate Thesis**, *'Funding Fanny'- Role of Microfinance in the Empowerment of Women*

Keywords: Women Empowerment, Credit Seeking Financial Services, Micro-entrepreneurship

Talks

- **To Tell The Truth: Language of Deception and Language Models:** NAACL '24 (Oral)
- **The Good, the Bad and the Ugly: Effects of AI Quality Information on Detecting Text-Based Lies/ Humans, Artificial Intelligence, and (Text-based) Misinformation:** NABE '24 (Oral), ESA '24 (Oral), Summer School, Soletto '24 (Oral), GCSC and Wilkes Summit '24 (Poster), WEAI '24 (Oral), ESA '24 (Oral), Soletto Summer School '24 (Oral), ESA '23 (Oral)
- **Experience, Learning and the Detection of Deception:** WEAI '23 (Oral)
- **Funding Fanny – Microfinance and Empowerment of Women in India:** International Conference on Sustainable Development and Education '20 (Oral), Research Scholar's Workshop Visva-Bharati '20 (Oral)

Workshops

- Summer School & Workshop on Experimentics & Behavioral Economics, Soletto, Italy (2024)
- Behavioral Workshops, University of Utah (2021, 2022, 2023)
- Summer School, Department of Economics, Presidency University (2019)
- Workshop on Econometric Methods via R, Department of Economics, Jadavpur University (2019)

Skillsets

- **Programming Languages & Tools:** Python, R, SQL, PostgreSQL, STATA, oTree, L^AT_EX 2_ε