

CONTACT DETAILS	Email: ghoshadi@stanford.edu	ADDRESS Department of Statistics, Stanford University 390 Jane Stanford Way, Sequoia Hall Stanford, CA 94305
	Phone: +1 (650) 382 7711	
EDUCATION	Ph.D. in Statistics, Stanford University	2022 – present
	Masters of Statistics (M.Stat), Indian Statistical Institute, Kolkata	2020 – 2022
	<ul style="list-style-type: none"> • Dissertation advisor: Prof. Bodhisattva Sen (Columbia University) • Specialization: Theoretical statistics 	
	Bachelor of Statistics (B.Stat), Indian Statistical Institute, Kolkata	2017 – 2020
RESEARCH	Broadly interested in theoretical statistics and applied probability; particularly in causal inference, nonparametric methods, random graphs, random matrices and their applications in statistics.	
	<ol style="list-style-type: none"> 1. Ghosh, A., Deb, N., Karmakar, B., & Sen, B. (2021+). Efficiency and Robustness of Regression (Un)-Adjusted Rosenbaum's Rank-based Estimator in Randomized Experiments. <i>Submitted</i>. (Preprint available at https://arxiv.org/abs/2111.15524) 2. Ghosh, A. (2019). An asymptotic formula for the Chebyshev theta function. <i>Notes on Number Theory and Discrete Mathematics</i>, 25(4), 1-7. (Journal link) 	
TALKS	• PCM Memorial Lecture, Indian Statistical Institute, Kolkata	Summer 2022
	Title: The synthetic control method in causal inference	
	• D. Basu Memorial Lecture, Indian Statistical Institute, Kolkata	Fall 2021
	Title: Large low-rank matrix completion	
	• Online Reading Group on Functional Data Analysis	Summer 2021
TEACHING	Title: Two-sample testing of the equality of mean functions	
	• Students' Learning Seminar, Indian Statistical Institute, Kolkata	Spring 2021
	Title: Matching estimators in causal inference	
	Teaching Assistant (TA), Stanford University	
	<ul style="list-style-type: none"> • Stats 202: Data Mining and Analysis. • Stats 216: Introduction to Statistical Learning. 	Summer 2023, Fall 2022 Winter 2023
AWARDS	Other experiences	
	<ul style="list-style-type: none"> • Trained numerous high school students for mathematical olympiads, entrance examinations of Indian Statistical Institute, Chennai Mathematical Institute, and other competitive exams. 	
	Recognitions from the Indian Statistical Institute	
	• ISIAA – J. K. Ghosh Memorial Gold Medal (outstanding performance in M.Stat)	2023
	• ISIAA – Mrs. M. R. Iyer Memorial Gold Medal (best overall performance in B.Stat)	2021
Others	• Nikhilesh Bhattacharyya Memorial Gold Medal (best performance in Statistics in B.Stat)	2021
	<ul style="list-style-type: none"> • Madhava Mathematics Competition, received invitation to a prestigious event • Indian National Mathematical Olympiad, earned a certificate of merit from NBHM, Govt. of India (awarded to the top 75 INMO participants in the country) 	2019, 2018 2016