

CONTACT DETAILS	Email: ghoshadi@stanford.edu Phone: +1 (650) 382 7711	ADDRESS Department of Statistics, Stanford University 390 Jane Stanford Way, Sequoia Hall Stanford, CA 94305
EDUCATION	Ph.D. in Statistics, Stanford University Masters of Statistics (M.Stat), Indian Statistical Institute, Kolkata • Dissertation advisor: Prof. Bodhisattva Sen (Columbia University) • Specialization: Theoretical statistics Bachelor of Statistics (B.Stat), Indian Statistical Institute, Kolkata	2022 - present 2020 - 2022 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. 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 Title: The synthetic control method in causal inference • D. Basu Memorial Lecture, Indian Statistical Institute, Kolkata Title: Large low-rank matrix completion • Online Reading Group on Functional Data Analysis Title: Two-sample testing of the equality of mean functions • Students' Learning Seminar, Indian Statistical Institute, Kolkata Title: Matching estimators in causal inference	Summer 2022 Fall 2021 Summer 2021 Spring 2021
AWARDS	Recognitions from the Indian Statistical Institute • ISIAA – J. K. Ghosh Memorial Gold Medal (outstanding performance in M.Stat) • ISIAA – Mrs. M. R. Iyer Memorial Gold Medal (best overall performance in B.Stat) • Nikhilesh Bhattacharyya Memorial Gold Medal (best performance in Statistics in B.Stat) Other achievements • Madhava Mathematics Competition , earned invitation to a renowned camp • Indian National Mathematical Olympiad (INMO) , earned a certificate of merit from NBHM , Govt. of India (awarded to the top 75 INMO participants in the country)	2023 2021 2021 2019, 2018 2016
TEACHING	Teaching Assistant (TA), Stanford University • Stats 202: Data Mining and Analysis. • Stats 216: Introduction to Statistical Learning.	Summer 2023, Fall 2022 Winter 2023
	Other experiences • Trained numerous high school students for mathematical olympiads, entrance examinations of Indian Statistical Institute, Chennai Mathematical Institute, and other competitive exams.	