

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 GPA 4.13 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	<ul style="list-style-type: none"> • 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 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	Teaching Assistant (TA), Stanford University <ul style="list-style-type: none"> • Stats 202: Data Mining and Analysis. Summer 2023, Fall 2022 • Stats 216: Introduction to Statistical Learning. Winter 2023 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. 	
AWARDS	Recognitions from the Indian Statistical Institute <ul style="list-style-type: none"> • 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 • Nikhilesh Bhattacharyya Memorial Gold Medal (best performance in Statistics in B.Stat) 2021 Others <ul style="list-style-type: none"> • Madhava Mathematics Competition, received invitation to a prestigious event 2019, 2018 • Indian National Mathematical Olympiad, earned a certificate of merit from NBHM, Govt. of India (awarded to the top 75 INMO participants in the country) 2016 	