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| CONTACT DETAILS | <b>Email:</b> <a href="mailto:ghoshadi@stanford.edu">ghoshadi@stanford.edu</a><br><b>Phone:</b> +1 (650) 382 7711   | <b>ADDRESS</b> Department of Statistics, Stanford University<br>390 Jane Stanford Way, Sequoia Hall<br>Stanford, CA 94305 |
| EDUCATION       | <b>Ph.D. in Statistics, <a href="#">Stanford University</a></b><br><b>Masters of Statistics (M.Stat), <a href="#">Indian Statistical Institute</a>, Kolkata</b><br>• <b>Dissertation advisor:</b> <a href="#">Prof. Bodhisattva Sen (Columbia University)</a><br>• <b>Specialization:</b> Theoretical statistics<br><b>Bachelor of Statistics (B.Stat), <a href="#">Indian Statistical Institute</a>, Kolkata</b>   | 2022 - present<br>2020 - 2022<br>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.<br><br>1. <b>Ghosh, A.</b> , 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 <a href="https://arxiv.org/abs/2111.15524">https://arxiv.org/abs/2111.15524</a> )<br>2. <b>Ghosh, A.</b> (2019). An asymptotic formula for the Chebyshev theta function. <i>Notes on Number Theory and Discrete Mathematics</i> , 25(4), 1-7. ( <a href="#">Journal link</a> ) |   |
| TALKS           | • <b>PCM Memorial Lecture, <a href="#">Indian Statistical Institute</a>, Kolkata</b><br>Title: The synthetic control method in causal inference<br>• <b>D. Basu Memorial Lecture, <a href="#">Indian Statistical Institute</a>, Kolkata</b><br>Title: Large low-rank matrix completion<br>• <b><a href="#">Online Reading Group on Functional Data Analysis</a></b><br>Title: Two-sample testing of the equality of mean functions<br>• <b>Students' Learning Seminar, <a href="#">Indian Statistical Institute</a>, Kolkata</b><br>Title: Matching estimators in causal inference  | Summer 2022<br>Fall 2021<br>Summer 2021<br>Spring 2021  |
| TEACHING        | <b>Teaching Assistant (TA), <a href="#">Stanford University</a></b><br>• Stats 202: Data Mining and Analysis.<br>• Stats 216: Introduction to Statistical Learning.   | Summer 2023, Fall 2022<br>Winter 2023   |
|                 | <b>Other experiences</b><br>• Trained numerous high school students for mathematical olympiads, entrance examinations of Indian Statistical Institute, Chennai Mathematical Institute, and other competitive exams.   |   |
| AWARDS          | <b>Recognitions from the Indian Statistical Institute</b><br>• <b><a href="#">ISIAA – J. K. Ghosh Memorial Gold Medal</a></b> (outstanding performance in M.Stat)<br>• <b><a href="#">ISIAA – Mrs. M. R. Iyer Memorial Gold Medal</a></b> (best overall performance in B.Stat)<br>• <b><a href="#">Nikhilesh Bhattacharyya Memorial Gold Medal</a></b> (best performance in Statistics in B.Stat)   | 2023<br>2021<br>2021  |
|                 | <b>Other achievements</b><br>• <b><a href="#">Madhava Mathematics Competition</a></b> , earned invitation to a renowned camp<br>• <b><a href="#">Indian National Mathematical Olympiad (INMO)</a></b> , earned a <b>certificate of merit</b> from <a href="#">NBHM</a> , Govt. of India (awarded to the top 75 INMO participants in the country)  | 2019, 2018<br>2016  |