Aaditya Ramdas

Assistant Professor at Carnegie Mellon University

Pittsburgh, PA, US

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Biography

Aaditya Ramdas' research is aimed at solving basic problems in science and technology, taking a theoretical and methodological approach to addressing fundamental questions in statistics, data science, machine learning and artificial intelligence when applied towards solving basic problems in science and technology. His main theoretical and methodological research interests include selective and simultaneous inference (interactive, structured, online, post-hoc control of false decision rates, etc.), game-theoretic statistics (sequential uncertainty quantification, confidence sequences, always-valid p-values, safe anytime-valid inference, e-processes, supermartingales, etc.), and distribution-free black-box predictive inference (conformal prediction, calibration, etc.). His areas of applied interest include privacy, neuroscience, genetics and auditing (elections, real-estate, financial).

Industry Expertise

Research

Areas of Expertise

Elections, Game-Theoretic Statistics, Machine Learning, Statistics, Data Science, Artificial Intelligence, Selective And Simultaneous Inference

Education

Carnegie Mellon University
Ph.D. Statistics and Machine Learning

Indian Institute of Technology
B.S. Computer Science and Engineering

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