Junyuan Lin

Assistant Professor of Mathematics, Statistics and Data Science at Loyola Marymount University

Los Angeles, CA, US

Seaver College of Science and Engineering

Biography

Contact: Phone: (310) 338-7879 Email: Junyuan.lin@lmu.edu Office: University Hall 2718 Dr. Junyuan Lin is an Assistant Professor of Mathematics, Statistics and Data Science at Loyola Marymount University. Her research interests include spectral graph theory and algorithms, fast and scalable solvers for large-scale sparse linear systems, and adaptive numerical solvers for graph Laplacian systems. Dr. Lin also works on scientific computing algorithms for machine learning problems with applications to protein-protein interaction networks, online social networks, knowledge graphs and user recommendation systems. Her research team has won the 1st place of the DREAM Disease Module Identification challenge hosted by IBM Research and National Institutes of Health, and published their findings on Nature Methods.

Areas of Expertise

Scientific Computing, Graph Algorithms, Machine Learning, Network Analysis, Data Mining, Bioinformatics

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Education

Tufts University
Ph.D. Mathematics

Tufts University
Certificate Computer Science

Tufts University
M.S. Mathematics

Pepperdine University
B.S. Mathematics

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