Ritwick Mishra

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Current position

Graduate Student Researcher, Biocomplexity Institute, University of Virginia
MS in Computer Science student, University of Virginia

Research Interests

Inference problems on graphs, Network science, Approximation algorithms, Interpretable machine learning, NLP

Work experience

2021 –	Graduate Student Researcher, Biocomplexity Institute, University of Virginia
2019 – 2021	Technology Analyst, Credit Suisse, Bangalore, India

Education

2023	MS in Computer Science, University of Virginia (expected)
2019	BTECH in Computer Science, National Institute of Technology Karnataka, Surathkal, India

Publications

[1] Ritwick Mishra et al. "Community Detection using Moore-Shannon Network Reliability: Application to Food Networks". In: *International Conference on Complex Networks and their Applications*. Springer. 2022. To appear.

[2] Stephanie Schoch, Ritwick Mishra, and Yangfeng Ji. "Data Selection for Finetuning Large Language Models Using Transferred Shapley Values". In: (2022). Under review.

ACADEMIC PRESENTATIONS

"Communities in Directed Weighted Food Networks using Moore-Shannon Network Reliability", *Communities in Networks, Network Science 2022*, July 12, 2022

Awards

2015	Scholarship for JEE-Main National Rank 1445
2013	National Talent Search Scholarship (NTSE), NCERT, India