

# Aparajithan Venkateswaran

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## Education

### University of Washington

Ph.D. in Statistics. Advisors: Tyler H. McCormick & Emilija Perković. 2024

M.S. in Statistics. 2022

### University of Colorado Boulder

2020

B.S. in Applied Mathematics, summa cum laude with Honors.

B.S. in Computer Science, summa cum laude with Honors.

## Experience

### Microsoft

Data Scientist 2024-present  
Xbox Player Insights

Data Science Intern 2022-2023  
(2022, 2023) Xbox Player Services Team.

Software Engineering Intern 2019-2021  
(2021) Mixed Reality Object Understanding, (2020) Mixed Reality Cloud SDK,  
(2019) Edge Experimentation

## Selected Publications

1. A. Venkateswaran, E. Perković, “Towards Complete Causal Explanation with Expert Knowledge”, <https://arxiv.org/abs/2407.07338> (2024).
2. A. Venkateswaran, A. Sankar, A. G. Chandrasekhar, T. H. McCormick, “Robustly estimating heterogeneity in factorial data using Rashomon Partitions”, <https://arxiv.org/abs/2404.02141> (2024).
3. A. Venkateswaran, J. Das, T. H. McCormick, “Feasible contact tracing”, <https://arxiv.org/abs/2312.05718> (2023).

## Selected Talks and Presentations

“Robustly estimating heterogeneity in factorial data using Rashomon Partitions” Aug 2024  
Joint Statistical Meetings [Portland, Oregon]

“Towards complete causal explanation with expert knowledge” May 2024  
American Causal Inference Conference [Seattle, Washington]

“Feasible contact tracing” (Invited) Mar 2024  
Epidemiology and Biostatistics Seminar [University of Illinois Chicago]

## Awards

Outstanding Undergraduate for Academic Achievement [CU Boulder] 2020  
Chancellor’s Recognition Award [CU Boulder] 2020  
Colorado Mathematics Award [State of Colorado] 2019  
INFORMS Award, Outstanding Winner [Mathematical Contest in Modeling] 2019