

# S. Carlyle Morgan

PHD STUDENT IN STATISTICS

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## Education

**Horace H. Rackham School of Graduate Studies, University of Michigan**

Ann Arbor, MI

PHD IN STATISTICS

2023 - 2028

- Supervisor: Liza Levina

**Columbia College, Columbia University**

New York, NY

BA IN MATHEMATICS AND STATISTICS

2019 - 2023

- Concentration in Economics

## Awards, Fellowships, & Grants

- 2025 **NDSEG Fellow**, United States Department of Defense
- 2025 **NSF GRFP (Honorable Mention)**, National Science Foundation
- 2023 **Rackham First-Year Student Fellowship**, Rackham Graduate School

## Publications

Andrew Davison, **S. Carlyle Morgan**, Owen G. Ward 2024. "Community Detection Guarantees Using Embeddings Learned by Node2Vec". *38th Conference on Neural Information Processing Systems (NeurIPS), 2024*

## Presentations

### CONTRIBUTED PRESENTATIONS

- S. Carlyle Morgan**, Tian Zheng, W. Reed Palmer. 2023. Perturbations for Directed Network Data. Poster presentation: Columbia Undergraduate Data Science Symposium, New York, NY.
- S. Carlyle Morgan**, Tian Zheng, W. Reed Palmer. 2022. Perturbations for Directed Network Data. Poster presentation: Columbia Undergraduate Research Fair, New York, NY.

## Professional Experience

- 2023 **Statistics Intern**, United Airlines
- 2022 **Data Science/Finance Intern**, Wells Fargo
- 2021 **Summer Research Intern**, Columbia Department of Statistics
- 2020 **Data and Policy Intern**, Vera Institute for Justice

## Teaching Experience

- Spr. 2025 **STATS 449: Introduction to Biostatistics**, Graduate Student Instructor
- Fall 2024 **STATS 449: Introduction to Biostatistics**, Graduate Student Instructor
- Fall 2023 **STATS 250: Introduction to Statistics and Data Science**, Graduate Student Instructor
- Spr. 2023 **STAT 1201: Calculus-Based Introduction to Statistics**, Grader
- Fall 2022 **STAT 1201: Calculus-Based Introduction to Statistics**, Grader
- Spr. 2022 **STAT 1201: Calculus-Based Introduction to Statistics**, Grader
- Fall 2021 **ECON 3213: Intermediate Macroeconomics**, Teaching Assistant
- Spr. 2021 **STAT 1201: Calculus-Based Introduction to Statistics**, Grader

## Outreach & Professional Development

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### SERVICE AND OUTREACH

Fall 2020    **Peer Coach**, Introduction to Statistics

### PEER REVIEW

**Senior Editor**, Journal of Politics and Society (2021-2023)

**Senior Editor**, Columbia Economic Review (2019-2023)

TECHNICAL PROFICIENCY   R, Python,  $\text{\LaTeX}$ , Java, Tableau/PowerBI