

Spencer Katzman

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EDUCATION

University of Georgia

Athens, GA

B.S. in Mathematics - Applied Mathematics Emphasis

May 2027 Expected

B.A. in Economics - Business Analytics Concentration

GPA: 3.80/4.00

B.S. in Political Science

EXPERIENCE

Independent Contractor

Roving Umpire & Baseball Field Maintenance

- Officiated youth travel baseball games, ensuring fair play and adherence to rules.
- Learned to manage difficult situations with “baseball” parents and coaches.
- Maintained fields, demonstrating reliability, teamwork, and managerial/organizational skills.

Various Charities (Wounded Warriors Equine Therapy, FurKids ...)

Volunteer

- Helped underprivileged children and vets mount horses, cleaned stables, mended fences.
- Served customers, moved heavy items, repaired and organized donations.

PROJECT EXPERIENCE (selected: all projects reports/paper available at katzman.us)

Ranked-Choice Voting with Different Elimination Procedures

Fall 2025

- Analyzed real-world RCV results.
- Compared different RCV rule formats using real-world and data simulated in R.
- Coauthored paper that is under revise and resubmit at academic journal *Social Choice*.
- Presenting results at the 2026 Social Choice national academic conference

A Comparison of Three Versions of Ranked Choice Voting using Simulations

Spring 2025

- Coded and compared election simulations using R.
- Proved mathematical theorem about Ranked Choice Voting.
- Wrote and presented final paper at 2025 CURO symposium.

Predictive Modelling

Fall 2024

- Refined and analyzed data using RMD and EXCEL.
- Created statistical tables, word clouds, and generated predictive results.
- Wrote and presented final report.

SKILLS

Data Analytics

Strategic Decision-Making

Mathematics

Stats Software (R, Excel, SQL, Python)

Complex Problem-Solving

Presentation

HONORS AND AWARDS

Zell Miller Scholarship

August 2022 - Present

Phi Beta Kappa

October 2025

UGA Arch Ready Professionalism Certificate

February 2026