

# David Gerth

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Bloomington, IN 47404

219.218.6772

## EDUCATION

### **Indiana University**

*Master of Science in Statistical Science*

**Bloomington, IN**

*Aug 2024 – Present*

- Expected Graduation: Spring 2026
- Fully funded through Graduate Teaching Assistantship awarded by the Department of Statistics.

### **Indiana University**

*Bachelor of Arts in Economics and Mathematics*

**Bloomington, IN**

*Class of 2022*

- Cumulative GPA: 3.4/4.0
- Relevant Coursework: Probability Theory, Linear Transformations, Bayesian Analysis, Econometrics in Python
- Worked as an Undergraduate Teaching Assistant in the Economics and Mathematics departments and assisted in grading and tutoring.

## WORK EXPERIENCE

### **Bellarmino University Baseball**

*Director of Analytics*

**Louisville, KY**

*Jul 2024 – Present*

- Assist coaching staff in writing quantitative and qualitative reports on high school and college prospects.
- Manage data from various sources and integrate them into player development initiatives.
- Build statistical models and dashboards to evaluate performance and assist in player development.

### **Down on the Farm Newsletter**

*Freelance Writer*

**St. Louis, MO**

*Jan 2023 – Present*

- Write articles primarily focused on minor league baseball, providing a mixture of analytical and scouting content.
- Perform statistical analysis in both R and Python.
- Promote articles written on Twitter/X.

### **NISA Investment Advisors**

*Analyst, Compliance*

**St. Louis, MO**

*Jun 2022 – Jun 2024*

- Managed daily checks to ensure trades were within client guideline standards.
- Reviewed and created rules in Charles River IMS to reflect new client trading guidelines.
- Wrote SQL queries to automate data collection for various reports to save time and reduce input errors.

### **Evansville Otters**

*Player Personnel Consultant*

**Evansville, IN**

*Jan 2017 – Jan 2024*

- Provided scouting notes on hundreds of undrafted college baseball players for the team to potentially sign.
- Maintained a database of players to follow for future seasons.

## ADDITIONAL INFORMATION

*Presentations:* Society of American Baseball Research (2021), Saberseminar (2023)

*Skills:* Proficient in R. Familiar with SQL, Python, and Stan

*GitHub:* <https://github.com/dgerth5>

*Writing:* <https://substack.com/@davidgerth5>