

# Owen Gould

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## EDUCATION

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2022 - 2026 Bachelor of Arts, Mathematics at **Grinnell College** (GPA: 3.62/4.0)

- Honors: Founder's Scholarship
- Selected Coursework: Applied Statistics, Introduction to Data Science, Statistical Modeling, Probability & Statistics I, Probability & Statistics II, Categorical Data Analysis, Introduction to Machine Learning

## RELEVANT EXPERIENCE

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**DASIL Mentor** **Grinnell, IA**  
*Grinnell College* Sep 2025 - Present

Provided students with drop-in support for statistical concepts, probability theory, and R Programming.

**Statistics Grader** **Grinnell, IA**  
*Grinnell College* Sep 2025 - Present

Provided constructive feedback to students' written work in Grinnell's upper-level probability courses.

**Biostatistics Researcher** **Iowa City, IA**  
*University of Iowa College of Public Health* Jun-Jul 2025

Completed biostatistics coursework and mentored research at the Iowa Summer Institute in Biostatistics.

**Statistics SEPC** **Grinnell, IA**  
*Grinnell College* Aug 2024 - Present

Assisted the Statistics Department in the faculty hiring/review process and in extracurricular activities.

**Mathematics Researcher** **Grinnell, IA**  
*Grinnell College* May-Aug 2024

Completed readings in probability and performed mentored research on random walks and applications.

**Mathematics Tutor** **Grinnell, IA**  
*Grinnell College* Aug 2023 - May 2024

Helped students to develop their skills for Grinnell's calculus and statistics courses with drop-in tutoring.

## PROJECTS

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**How Blood Flow Forces Trigger Cancer Cells to Spread** [More Information](#)

Performed high-throughput analysis on RNA-Sequencing data using regression techniques and gene set enrichment analysis in R. Presented the results at the Iowa Summer Institute in Biostatistics Symposium.

**Modeling Animal Movement with Random Walks** [More Information](#)

Conducted simulation studies on random walks in Python and utilized them to model elephant movement in R. Presented to Grinnell Math Department and Iowa Chapter of the American Statistical Association.

## SKILLS

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Computing R/RStudio (base and tidyverse), Python, markdown, L<sup>A</sup>T<sub>E</sub>X