

Rachel M. Garcia

701 N C St. Indianola, IA 50125 * 308-660-9727 * rachel.garcia@my.simpson.edu

EDUCATION

Bachelor of Arts in Mathematics
Simpson College, Indianola, IA

Expected: April 2027

- Minor: Honors

WORK EXPERIENCE

Instructor, Mathnasium, West Des Moines, IA

Aug 2024-present

- Assisted student growth in mathematic areas such as Algebra and Calculus
- Led personalized math instruction, resulting in 90% of academic goals met
- Fostered an inclusive learning environment, supporting students of all backgrounds

Researcher, Dr. Albert & Greta Bryan Summer Research Program,

Indianola, IA

June 2024-present

- Analyzed spatial patterns with birthrates of Down syndrome in Mexico
- Collaborated with other researchers as well as other advisors and collaborators across all departments, including Economics and Medical Anthropology
- Applied R to create data visualizations and analyses

PROJECT EXPERIENCE

Successful Participant, Math Modeling Competition & Interdisciplinary Modeling Competition,

Indianola, IA

January 2024

- Collaborated in a team of 3 to complete the project in three days
- Utilized Python to create various plots and models to support research findings involving animal habits and eco-impacts within the Great Lakes

LEADERSHIP & RELEVANT ACTIVITIES

Simpson College Mathematics Undergraduate Assistant

September 2024-present

President, Simpson College Latinos Unidos

December 2023-present

Member, Simpson College Speech & Debate

August 2023-present

LANGUAGE SKILLS

Language/ Framework (Limited): R, LaTeX, Python

Languages: English (Fluent), Spanish (Elementary Proficiency)