**Summary**

Analytical and detail-oriented mathematician with a strong foundation in abstract theory and applied problem-solving. Currently pursuing a Master of Science in Mathematics, with a focus on statistical analysis and mathematical modeling. Proven ability to translate complex quantitative data into actionable insights and to communicate findings clearly. Seeking a challenging role in data analysis, research, or a related quantitative field.

**Education**

**Master of Science in Mathematics** | Expected May 2026

Governors State University | University Park, IL

* *Relevant Coursework:* Abstract Algebra, Real Analysis, Topology, Mathematical Modeling, Numerical Methods, Probability and Statistics

**Bachelor of Science in Mathematics** | May 2024

Governors State University | University Park, IL

* *Relevant Coursework:* Linear Algebra, Differential Equations, Discrete Mathematics, Introduction to Programming

**Experience**

**Undergraduate Research Assistant** | August 2023 – May 2024

Governors State University Mathematics Department | University Park, IL

* Supported a faculty-led research project on computational modeling of biological systems.
* Assisted with data collection, statistical analysis, and the development of simulation code.
* Co-authored a section of a research paper presented at the university's annual symposium.

**Mathematics Tutor** | June 2023 – August 2023

Joliet Junior College | Joliet, IL

* Provided one-on-one and group tutoring for students in various mathematics courses, including algebra and calculus.
* Developed customized learning plans to help students grasp complex concepts and improve their problem-solving skills.

**Projects**

**M.S. Thesis: Predictive Modeling of Stock Market Volatility** | May 2026

Governors State University | University Park, IL

* Developed a time-series model to predict stock market volatility using historical data.
* Utilized statistical software (R) to conduct data cleaning, model training, and performance evaluation.

**Data Analysis Project: Housing Price Prediction** | November 2025

Governors State University | University Park, IL

* Collaborated on a team to build a machine learning model to predict housing prices in a specific region of Illinois.
* Cleaned and analyzed a large dataset, presented findings on key influencing factors, and documented the project's methodology.

**Awards & Certificates**

* **Outstanding Undergraduate in Mathematics Award:** Governors State University (2024)
* **Dean's List:** Governors State University (Fall 2023, Spring 2024)

**Volunteer Work**

**Math Club Organizer** | September 2022 – May 2023

Governors State University | University Park, IL

* Organized weekly sessions for students to work on advanced math problems and prepare for competitions.
* Led problem-solving workshops and mentored junior students.

**Community Center Tutor** | January 2022 – May 2022

University Park Community Center | University Park, IL

* Volunteered as a tutor for middle school students, helping them with homework and reinforcing foundational math concepts.
* Developed simple games and activities to make learning math more engaging and fun.

**Skills**

* **Mathematical Software:** R, MATLAB, Wolfram Mathematica, LaTeX
* **Programming Languages:** Python (NumPy, SciPy, Pandas), C++
* **Analytical Skills:** Quantitative Analysis, Statistical Modeling, Data Visualization, Problem-Solving, Abstract Thinking
* **Communication:** Technical Writing, Public Speaking, Teaching & Mentoring
* **Software:** Microsoft Office Suite, Google Workspace