**Summary**

Dedicated and analytical educator with a robust background in advanced mathematics and a passion for making complex concepts accessible to students. Currently pursuing a Master of Arts in Mathematics with a concentration in Teacher Education to refine pedagogical skills, curriculum design, and assessment strategies. Proven ability to create engaging, inquiry-based lessons and to mentor students in developing their problem-solving and critical-thinking skills. Seeking a high school teaching position to inspire the next generation of mathematicians.

**Education**

**Master of Arts in Mathematics with a Concentration in Teacher Education** | Expected May 2026

Governors State University | University Park, IL

* *Relevant Coursework:* Abstract Algebra, Mathematical Modeling, Advanced Calculus, Pedagogy of Secondary Mathematics, Assessment in Mathematics Education

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

University of Illinois at Urbana-Champaign | Urbana, IL

* *Relevant Coursework:* Linear Algebra, Differential Equations, Probability and Statistics, Discrete Mathematics

**Experience**

**Mathematics Teacher** | August 2024 – Present

Park Forest-Chicago Heights High School | Park Forest, IL

* Taught Algebra I and Geometry to a diverse group of students, focusing on conceptual understanding and real-world application.
* Developed and implemented standards-based curriculum, resulting in a 10% increase in average student test scores.
* Collaborated with department colleagues to align curriculum and share best teaching practices.
* Utilized formative and summative assessments to track student progress and inform instructional adjustments.

**Student Teacher** | January 2024 – May 2024

Park Forest-Chicago Heights High School | Park Forest, IL

* Collaborated with a veteran teacher to plan and deliver engaging lessons for a high school geometry class.
* Implemented a project-based learning unit that required students to apply geometric principles to architectural design.
* Graded assignments and provided detailed, constructive feedback to students.

**Math Tutor** | August 2023 – December 2023

Local Tutoring Center | University Park, IL

* Provided one-on-one and small group tutoring to high school and college students in algebra and calculus.
* Developed customized lesson plans to address individual learning styles and academic gaps.

**Projects**

**M.A. Capstone Project: Developing a Project-Based Learning Unit on Trigonometry** | May 2026

Governors State University | University Park, IL

* Designed a three-week, project-based learning unit for a high school geometry class that required students to apply trigonometric principles to a real-world problem.
* Created all materials, including lesson plans, rubrics, and assessments.

**Research Paper: The Effectiveness of Inquiry-Based Learning in Mathematics** | November 2025

Governors State University | University Park, IL

* Conducted a literature review on the pedagogical benefits of inquiry-based learning in high school mathematics.
* Wrote a research paper detailing findings and proposing a framework for implementation.

**Awards & Certificates**

* **Illinois Professional Educator License (PEL)** with High School Mathematics Endorsement: Expected May 2026
* **Dean's List:** University of Illinois at Urbana-Champaign (Fall 2022, Spring 2023)

**Volunteer Work**

**After-School Math Club Leader** | September 2023 – Present

University Park Public Library | University Park, IL

* Organized and led a weekly math club for middle school students, focusing on fun challenges and problem-solving games.
* Encouraged students to develop a positive attitude toward mathematics.

**Community Event Volunteer** | January 2023 – May 2023

Local Science Fair | Chicago, IL

* Volunteered as a judge for student projects in the mathematics and engineering categories.
* Provided constructive feedback to students on their presentations and project designs.

**Skills**

* **Pedagogical:** Lesson Planning, Classroom Management, Differentiated Instruction, Inquiry-Based Learning, Standardized Test Preparation
* **Mathematics:** Calculus, Linear Algebra, Statistics, Geometry, Trigonometry, Discrete Mathematics
* **Software:** Learning Management Systems (LMS), Desmos, GeoGebra, Microsoft Office Suite, Google Workspace for Education
* **Interpersonal:** Student Mentorship, Parent-Teacher Communication, Public Speaking, Problem-Solving