

Mary Math

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EDUCATION

The College of St. Scholastica (CSS)

B.A. Mathematics & Finance Double Major, Minor: Data Analytics

Cumulative GPA: 3.42 / 4.00 · Major GPA: 3.71 / 4.00

Duluth, MN

Expected May 2027

ACTUARIAL EXAMS

Passed: Exam P (Probability) | September 2025

In Progress: Exam FM (Financial Mathematics) | Sitting July 2026

TECHNICAL SKILLS

Software & Tools: Microsoft Excel (pivot tables, VLOOKUP, basic VBA), R (ggplot2, dplyr), SQL (introductory), SAS

Languages: English (native), Spanish (conversational)

RELEVANT COURSEWORK

Probability & Statistics · Linear Algebra · MultiVariable Calculus · Financial Management · Managerial Accounting · Communications · Introductory Data Analytics

RELEVANT EXPERIENCE

The College of St. Scholastica

Mathematics Tutor

Duluth, MN

Sept 2024 – Present

- Conduct weekly one-on-one tutoring sessions in Calculus I–III, Probability, and Linear Algebra for 8–12 undergraduate students per semester.
- Developed a condensed review packet for Exam P probability distributions, used by 5 students in their exam preparation.

State Farm Insurance

Actuarial Intern

Remote

May 2025 – Aug 2025

- Assisted the personal auto pricing team in validating rating factor selections by running Excel-based sensitivity analyses across 12 policy segments, flagging 3 factors with statistically anomalous loss ratios for further review.
- Built a pivot-table dashboard to consolidate monthly claims data from 4 regional databases, reducing manual reconciliation time by an estimated 40%.
- Shadowed senior actuaries during Appointed Actuary reserve sign-off meetings, documenting assumptions and methodology for 2 lines of business.

LEADERSHIP & ACTIVITIES

CSS Actuarial Society

Founding Member & Secretary

Duluth, MN

Nov 2024 – Present

- Co-founded the college's first actuarial student organization; help coordinate bi-weekly study sessions and speaker events with industry professionals.

CSS Math Club — Member

Investment Club — Member

AWARDS & HONORS

Dean's List — Fall 2024, Spring 2025 · Mathematics Department Scholarship (2024) · CSS STEM Achievement Award