

# Riley TerBush

Undergraduate Mathematics  
Student at Purdue University



## Contact

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💻 [Website](#)

🌐 [LinkedIn](#)

## Education

### PURDUE UNIVERSITY

Bachelor's in mathematics  
with minors in Spanish and  
art & design

*Graduating May 2026*

## Skills

Java

Python

R

Adobe Illustrator

Adobe Indesign

Adobe Photoshop

Adobe AfterEffects

Creativity

Problem-solving

Design

Critical thinking

Writing

B-2 Level Spanish

## About me

I am working towards a math degree to develop problem-solving skills that are applicable to a range of fields. I am interested in coding and design, and I'm looking to gain programming experience and expand my skillset. I am looking for a collaborative environment where I can work and learn about how to apply my skills to a field.

## Jobs

### BALLET TEACHER AT YOUNG WOMEN'S CHRISTIAN ASSOCIATION LAFAYETTE 2023

Planned and taught full ballet classes to local high schoolers.

### ASST. BALLET TEACHER AT METROPOLITAN YOUTH BALLET 2023 SUMMER

Helped with teaching and supervision of students ages 3 to 6.

## Leadership

### BALLET CLUB PRESIDENT, TREASURER, VICE PRESIDENT 2023-2034

Taught ballet technique class to advanced and beginner students, managed club finances and student-faculty relations, planned events, organized performances, worked on inter-club collaborations

### PURDUE DANC202 TA 2024

Responsible for covering classes when the instructor is missing, helping to teach combinations

### VIOLIN CO-SECTION LEADER 2023

Responsible for leading practice drills for Purdue orchestra's violins

### STUDENT NEWSPAPER EDITOR/MANAGING EDITOR 2020-2022

Responsible for overseeing other students' work, assigning deadlines, communicating expectations, teaching students to use Adobe creative software, designing and writing

## Notable Classes

Linear Algebra, Differential Equations, Real Analysis

*Applications to machine learning and data science*

Object-Oriented Programming using Java, Discrete Mathematics

*Including loops, arrays, concurrency, input/output, graphical user interfaces, dynamic data structures, recursion*