

KRISTIN DOERING

100 Northfield Dr. Normal, IL, 61761 · 224-433-1885

kmdoeri1996@gmail.com

My objective is to obtain a position where I can utilize my logic, problem solving, and communication skills in a new and innovative way. I wish to obtain a position at a law firm and eventually enroll in law school. I plan to use my degree to help underrepresented peoples and serve social justice.

EDUCATION

DECEMBER 2019

MASTER OF SCIENCE, ILLINOIS STATE UNIVERSITY

I will receive my Master of Science in Mathematics in December of 2019. I currently have a 3.71 GPA. Coursework related to my degree include Data Mining, Biomathematics, and Real Analysis. My master's project is centered around Linear and Abstract Algebra.

DECEMBER 2017

BACHELOR OF SCIENCE, ILLINOIS STATE UNIVERSITY

I received my Bachelor of Science in Mathematics in December of 2017. I graduated Cum Laude with a GPA of 3.7. Coursework related to my degree included Number Theory, Abstract Algebra, and Statistics.

EXPERIENCE

2018 – PRESENT

TEACHER'S ASSISTANT, MATHEMATICS DEPARTMENT AT ILLINOIS STATE UNIVERSITY

Teacher's assistant for prerequisite college courses MAT 120 and MAT 119. Duties include orchestrating two lab periods a week, proctoring and grading exams and quizzes, and assisting in lecture.

2018 – PRESENT

TUTOR, MATHEMATICS DEPARTMENT AT ILLINOIS STATE UNIVERSITY

Tutor in the Department of Mathematics tutor center four days a week. Duties include assisting students with mathematical concepts, answering questions, and giving step-by-step explanations of math problems.

2019 – PRESENT

MATH INSTRUCTOR, MATHNASIUM LEARNING CENTER

Math Instructor at Mathnasium Learning Center in Normal, IL. Duties include assisting students with practice worksheets and homework, grading, and managing the tutor center.

SKILLS

- Verbal and Written Communication
- Teaching/Explaining new concepts
- Critical Thinking and Decision Making
- Organization
- Experience in Microsoft Office
- Problem Solving and Logical Reasoning

RESEARCH

In April of 2018, I used linear optimization methods to create a scheduling algorithm. The algorithm is flexible and can be used in most scheduling scenarios. In December of 2018, I independently implemented cluster methods on CDC data to determine the worst places to live in the United States. Lastly, in April of 2019 I found a general solution to the famous 15-Puzzle using permutations.