

EDUCATION

University of Nebraska-Lincoln

M.S. in Statistics, GPA: NA

Lincoln, NE

2020–Current

Fitchburg State University

B.S. in Applied Mathematics and Economics, GPA: 3.87/4.00

Fitchburg, MA

2016–2020

EXPERIENCE

Fitchburg State University

Peer Tutor at the Tutor Center and Expanding Horizons Office

Fitchburg, MA

September 2017 to May 2020

- CRLA certified tutor.
- Tutored students in many different mathematics courses ranging from precalculus, multivariate calculus, statistics, and linear algebra in a walk-in setting.
- Also tutored Economics courses including introductory Macroeconomics and Microeconomics.
- Effectively communicated different mathematical subjects to multiple students at the same time.
- Great interpersonal skills.
- Also tutored in a remote setting due to the COVID-19 pandemic.

Fitchburg State University

Peer Tutor for Summer Bridge Program

Fitchburg, MA

Summer 2018 and 2019

- Tutored students taking a basic mathematics course in a classroom setting.
- Adapted to many different mathematical problem types.
- Worked under pressure due to high student to faculty ratio.

Fitchburg State University

Health of the Nashua River: Mathematical Modeling Student Researcher

Fitchburg, MA

Summer 2019

- Used a spatial model to predict locations of contaminants in the Nashua River Watershed using GIS data.
- Collaborated with faculty and students of the program to create effective models.
- Presented a clear and concise summary of findings.

TEACHING

- **Teaching Assistant** at University of Nebraska-Lincoln
Intro to Statistics (STAT218)

Fall 2020-present

SKILLS

- **Statistical programming:** STATA, SAS, and R
- **Document preparation:** LaTeX, Microsoft Office Suite
- **Other software:** Maple (Computer Algebra System), ArcGIS10

PROJECTS

Fitchburg State University

Fitchburg, MA

Heterogeneity in Returns to College Major

Spring 2019

- Analyzed how an individual's college major affected their wages using least squares regression.
- Presented summary of findings at the Undergraduate Research Conference at Fitchburg State University.

Fitchburg State University

Fitchburg, MA

Predicting Economic Recessions

Fall 2019

- Examined how certain economic indicators influence the probability of recession using a Probit model.
- A summary of findings was supposed be presented at the 2020 Undergraduate Research conference at Fitchburg State University as well as the Hudson River Conference at Mount Holyoke College, but both events were cancelled due to COVID-19.

SCHOLARSHIPS AND AWARDS

- | | |
|---|-----------|
| • Outstanding Mathematics Student of the Year | 2020 |
| • Above and Beyond Tutoring Award | 2020 |
| • Pi Mu Epsilon | 2017 |
| • President's List | 2018–2020 |
| • Dean's List | 2016–2020 |
| • Alumni Legacy Scholarship | 2016–2020 |

EXTRACURRICULAR ACTIVITIES

- Member at Biology/Chemistry Club at Fitchburg State University Spring 2019–Spring 2020
Attended weekly meetings that involved science related activities and experiments. I was an executive board member for the club responsible for planning activities tailored for non-science majors and recruiting new students into the club.