

# Megan Willis

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## EDUCATION

### **Boston University, Boston, MA — *Master of Science in Biostatistics***

ANTICIPATED DEC 2023

### **Simmons University, Boston, MA — *Bachelor of Science in Data Science and Analytics***

MAY 2022

3.84 GPA.

Minors in Biostatistics, Mathematics, and Computer Science.

## EXPERIENCE

### **Lucky Finn Cafe, Hanover, MA — *Barista***

OCTOBER 2020 - PRESENT

Prepare handcrafted beverages for customers.

Collaborate with team members to keep the cafe running efficiently.

Train new employees in barista and point of sale positions.

### **Simmons University, Boston, MA — *Research Assistant***

JUNE 2021 - JUNE 2022

Use neural networks and feature importance to investigate prosody in R.

Work as a team to label data using Praat.

Translate Python code to R code.

Create a working method for feature extraction in R.

### **Simmons University, Boston, MA — *Teaching Assistant***

SEPTEMBER 2020 - DECEMBER 2021

Assisted Professors by grading assignments.

Helped students understand concepts during class and labs, as well as during one-on-one meetings.

Courses: Calculus II, Linear Algebra, Intro to Computer Science, Database Management Systems, Probability.

## SKILLS

R(Tidyverse, R Markdown, Shiny), Python(Pandas, Matplotlib, Pyplot), Java, C++, SQL.

Predictive Modeling, Data Visualization, Machine Learning, Data Analysis.

Collaboration,  
Self-management, Planning,  
Organization,  
Time-management.

## AWARDS AND HONORS

Pi Mu Epsilon Society  
Member

Sigma Xi Honors Research  
Society Member

Dean's List for 8 semesters

## RELEVANT COURSEWORK

Applied Data Science, Data Mining, Data Structures, Epidemiology, Probability, Statistical Theory, Causal Inference, Regression Models, Advanced Linear Algebra, Statistical Design and Analysis, Stochastic Processes, Multivariable Calculus.

