Nicole Harms

Lincoln, NE   nharms5@unl.edu   (402) 405-1603   nlharms414.github.io   in nicole-harms

nlharms414

Education

MS	**University of Nebraska – Lincoln,** Statistics	Aug 2024 - May 2026 (Anticipated)

- **Coursework:** Statistical Methods, Mathematical Statistics, Computational Tools for Statistics

BS	**Doane University,** Mathematics and Data Analytics	Aug 2019 - May 2023

- **GPA:** 3.96/4.00
- **Coursework:** Intro to Probability and Statistics, Catagorical Data Analysis, Multivariate Statistics, Fundamentals of Computer Science, Intro to Programming and Problem Solving
- **Activities and Involvement:** Honors Program, Track and Field Team (Team Captain, 2021-22), Fellowship of Christian Athletes (Group Leader, 2022-23), College of Arts and Sciences Student Advisory

Experience

University of Nebraska - Lincoln, Teaching Assistant   Lincoln, NE   Aug 2024 - Present

- Teach STAT 218, and/or other assigned course.
- Host office hours 2-3 hours per week.
- Assist assigned mentor with any aspects of the course as needed.

Hexagon Agility, Procurement Intern   Lincoln, NE   June 2022 - Sept 2022

- Collaborated with the department data analyst to clean and structure procurement data, and then created a data model to display the data in an informative manner.
- Designed a dashboard in PowerBI to display procurement data.
- Assisted with various procurement operations, including researching and contacting suppliers.

Doane University, Data Analytics Competition Summer Research   Crete, NE   May 2021 - June 2021

- In collaboration with a factulty member, led a student team in developing a two-day data visualization workshop and competition where high school students learn to use Tableau.
- Created and manipulated a data set for use in visualization software.

Doane University, Teacher's Assistant   Crete, NE   Aug 2021 - May 2023

- Created R Studio lessons for *Intro. to Probability and Statistics* course.
- Graded assignments and assisted in preparation for classes.

Projects

Senior Capstone Project

- Performed a statistical analysis on the point system used in the overall score calculation of the decathlon, heptathlon, and pentathlon in track and field.
- Methods used: PCA and regression analysis in R.

Technologies

Languages: R, Python, LaTeX, SQL

Technologies: PowerBI, Tableau

Other: Microsoft Excel, Microsoft Word