

# Tyler Wiederich

## Curriculum Vitae

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in [tyler-wiederich](#)

### Masters Student and Aspiring Statistician

#### Education

- 2021–present **M.S. Statistics**, *University of Nebraska*, Lincoln.  
2018–2021 **B.S. Mathematics, Statistics**, *Winona State University*, Winona, MN.  
Magna Cum Laude

#### Experience

- 2021– **Graduate Teaching Assistant**, *University of Nebraska*, Lincoln, NE.  
Present Facilitated a learning environment for STAT 218 as instructor of record. Tasks include preparing lesson plans, lecturing, assessing student understanding, grading, and holding office hours.  
2020–2021 **IT Data Support Analyst**, *Fastenal*, Winona, MN.  
Monitored and responded to feedback and questions about data and reporting, communicated with internal clients to fulfill ad-hoc reporting requests, and investigated source code discrepancies using Oracle SQL.  
2019–2020 **Statistical Consultant**, *Prairie Island Indian Community*, Hastings, MN.  
Provided support to summarize water quality trends in local waterbodies. This internship fulfilled the requirements of STAT 492: Practicum in Statistics at Winona State University.

#### Software

- Proficiency R, RStudio, RMarkdown, SAS, (Oracle) SQL, Excel, JMP, Tableau  
Familiarity Git, GitHub, LaTeX, Python, HTML, CSS

#### Technical Skills

- Statistical analysis
- Forecasting
- Consulting
- Web scraping
- Regression
- Visualizations
- Statistical programming
- Experimental design

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## Awards

- 2021 Othmer Fellowship, *University of Nebraska-Lincoln*
- 2021 Distinguished Graduate, *Department of Mathematics and Statistics, Winona State University*
- 2018 Presidential Honor Scholarship, *Winona State University*
- 2017 Eagle Scout, *Boy Scouts of America*

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## Presentations

- 1 **Wiederich, T. D.** (March 2021) Consulting Project with Prairie Island Indian Community. *Department of Mathematics and Statistics Student Seminar, Winona State University*. Virtual.
- 2 **Wiederich, T. D.**, Callahan, Neil. (December 2019) Homelessness Visualizations. *2019 Data Visualization Expo, Winona State University*. Virtual.

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## Competitions

- 2019 Midwest Undergrad Data Analytics Competition
- 2018 Student Competition Using Differential Equations Modeling