

# Noah Sticha

Geographer & Cartographer/GIS Technician

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My Web Portfolio: <https://nsticha.github.io/572Portfolio/>

## EXPERIENCE

### Ice Age Trail Alliance, Cross Plains, WI — GIS Intern

May 2023 - Present

Working with GIS software like ARCGIS Pro and ARCGIS Online to create property maps, interactive maps, and update trail maps to help increase awareness and accessibility of the Ice Age Trail.

### University of Wisconsin Center for Limnology, Madison, WI — *Field Researcher*

May 2022 - May 2023

Worked as a field researcher conducting 100s of in-person interviews with anglers. Our study focused on a plethora of fishing-related interest topics from technology usage, to catch rates, to potential game management strategies. Provided me with valuable research experience and enhanced my communication skills, making me comfortable talking to or approaching anyone regardless of position.

### Wings Over Madison, Madison, WI — *Cook*

February 2021 - April 2023

Worked in a kitchen with a team to make high-quality chicken. Provided experience in a fast-paced, high-energy environment where communication is essential for ensuring a good final product. Detail-oriented to ensure the best quality chicken, as well as ensuring correct customer modifications.

### Bester Brothers Transfer & Storage, South St. Paul, MN — *Mover*

May 2016 - August 2020

Worked with a team to move schools, offices, and personal homes to new locations. Experience lifting heavy and complicated objects, and treating customers and their possessions with respect and care.

## SKILLS

- ArcGIS Pro
- ArcMap
- QGIS
- Javascript
- Python
- Mapbox Studio
- Leaflet
- D3
- ArcGIS Storymaps
- Adobe Illustrator
- Microsoft Word, Excel, PowerPoint
- Intuitive
- Observant
- Leadership
- Critical Thinker
- Planning/Coordinating

## Clubs & Volunteering

### National Park Service

Worked with the National Park Service to collect GPS data of hiking trails and turned them into property maps. Did species assessments looking for indicators of suitable restoration sites.

### MN DNR SNA Volunteering

Worked with the Minnesota DNR to aid in invasive species removal as well as seed plantings for prairie restoration.

## EDUCATION

### **University of Wisconsin-Madison, Madison, WI — *Bachelor's Degree***

September 2019 - May 2023

Majoring in Cartography/GIS and Geography

Certificate in Environmental Studies

Overall GPA 3.19

### **Simley High School, Inver Grove Heights, MN — *High School Diploma***

September 2015 - June 2019

## PROJECTS

### **Geog 575 Birding on the Ice Age Trail Interactive Map Madison, WI**

March 2023 - Present

Working with Leaflet and Javascript to code an interactive website that shows users where in Wisconsin to find birds across the Ice Age Trail, as well as what times of the year they are likely to be visible.

### **Geog 565 Public Perception of PFAS in Madison Lakes, Madison, WI**

September 2022 - December 2022

Worked with my research team to study the public perception of PFAS chemicals in the Madison Chain of Lakes and how these perceptions impact angler fish consumption choices. The Plethora of subsistence fishers I observed while working with the Center of Limnology inspired me to do research on this topic.

### **Geog 578 Salt Use Impact Analysis, Madison, WI**

January 2022 - May 2022

Worked with my team and Marathon County to map what sensitive areas are being affected by winter road salt use. Using drainage basins to calculate where high quantities of road salt end up.

### **Mississippi River Cleanup Project, Twin Cities, MN**

March 2019 - May 2019

National honors society project involved cleaning up trash in and along the Mississippi River and its tributaries. I picked up over 200 pounds of trash in total.

### **The Wildlife Society, UW Madison Chapter**

The Wildlife Society is a student club on campus with an emphasis on wildlife ecology. We have biweekly meetings and outdoor ecological field trips.

## AWARDS

### **AP Scholar with Distinction**

Average AP test score of 3 or higher while maintaining GPA above 3.5.

### **Captain of Varsity Tennis Team**

Selected by Coaches and Teammates to be captain for the 2019 tennis season.