

# SUI, ZHAOXU

<https://zhaoxuSui.github.io>

2949 4<sup>th</sup> St SE, Unit 135, Minneapolis, MN, 55414

612-433-5839

szx104240@gmail.com

## EDUCATION

**University of Minnesota, Twin-Cities Campus**

*Minneapolis, MN*

- **Bachelor of Science in Geography** Anticipated Graduation December 2021
- *Minors: GIS, Population Studies, Interdisciplinary Design*
- Cumulative GPA: 3.987/4.0
- Relevant Coursework:  
Introduction to Cartography, Introduction to GIS, Arc GIS I, Spatial Numerical Analysis, Introduction to Geocomputing

## SCHOLARSHIPS

- Ecolab Leadership Scholarship, *Institute on the Environment, University of Minnesota* Fall 2021
- Schwartzberg Scholarship, *University of Minnesota* Spring 2020-Fall 2021
- Dean's List, *College of Liberal Arts, University of Minnesota* Fall 2019-Spring 2021
- Global Excellence Scholarship, *University of Minnesota* Fall 2019-Spring 2021

## AWARDS

**Comprehensive Map of the World and Beyond**

- Presented in *North American Cartographic Information Society (NACIS) 2021* October 2021
- Copy is preserved at *Library of Congress, Washington D.C.* July 2021
- Most Ambitious Award, U-Spatial Mapping Prize, *University of Minnesota* June 2021
- Arthur Robinson Print Map Award - Honorable Mention, *CAGIS* April 2021

## EMPLOYMENT EXPERIENCE

**Student Academic Support**

July 2021 - December 2021

*Center for Urban and Regional Affairs (CURA), University of Minnesota*

*Minneapolis, MN*

Collected and updated a database of over 3000 artists, designers, photographers, architects, and other creative enterprises in Minneapolis, with a specification of the name, address, type, and genre of those enterprises. With that information, I used the locator to build a geodatabase of Minneapolis creative enterprises. Finally, I generated a web map, and published an interactive dashboard based on the geodatabase.

**Student Mapping Assistant**

March 2021 – May 2021

*Regional Sustainable Development Partnerships, University of Minnesota*

*Minneapolis, MN*

Collected and renewed the databases of Lost Creek Hiking Trail located in Chatfield, MN. With that information, I renewed the map of the trail, as well as re-designed the graphic style of the map with ArcGIS Pro.

**Student Outreach Peer Mentor**

July 2021 – September 2021

*International Student and Scholar Services, University of Minnesota*

*Minneapolis, MN*

Connected virtually between students, those were outside of the United States, and the university. Answered the questions from these students to help them better understand the University of Minnesota for making their own decisions on attending in-person classes in Fall 2021 semester.

## VOLUNTEERING EXPERIENCE

### Undergraduate leader

October 2020 – June 2021

*Institute on the Environment, University of Minnesota*

*Minneapolis, MN*

Conducted research on the food scarcity issue and the possibilities of urban gardening in the Northside community, Minneapolis, to help identify problems in the community. Then, I involved and helped to visualize data and making web map on the research topic to better enhance the readability of the web page of Northside community Project Sweetie Pie.

### International Student Ambassador

October 2020 – May 2021

*International Student and Scholar Services, University of Minnesota*

*Minneapolis, MN*

Shared my own stories of transitioning, studying, living, and achieving as an international student pursuing mapping and GIS curriculums. Used these experiences to inspire newly admitted UMN students on how to start their own academic success in their bachelor studies.

## PROFESSIONAL AFFILIATIONS

- Member, *GIS Student Organization (GISSO), University of Minnesota*
- Member, *North American Cartographic Information Society (NACIS)*
- Member, *Phi Beta Kappa Society (PBK)*

## SKILLS

- |                         |  |
|-------------------------|--|
| • ESRI                  | <b>ArcGIS Pro:</b> Professional, <b>ArcGIS Pro:</b> Professional, <b>ArcNotebook:</b> Elementary |
| • OPENSOURCE            | <b>QGIS:</b> Intermediate, <b>Mapbox:</b> Intermediate   |
| • PROGRAMMING LANGUAGES | <b>Python:</b> Intermediate, <b>C++:</b> Elementary, <b>HTML:</b> Intermediate                   |
| • SPATIAL ANALYSIS      | Numpy, Pandas, Geopandas, ArcPy, R Studio  |
| • ADOBE GRAPHIC DESIGN  | <b>Photoshop:</b> Intermediate, <b>Illustrator:</b> Intermediate, <b>InDesign:</b> Elementary    |
| • WEB DESIGN            | <b>CSS:</b> Intermediate, <b>Wix:</b> Intermediate, <b>Wordpress:</b> Intermediate               |
| • LANGUAGES             | <b>Chinese:</b> Native, <b>English:</b> Professional, <b>Japanese:</b> Elementary                |

## INTERESTS AND HOBBIES

- Printed Maps and Atlases Collecting: Over 300 maps and atlases collected.
- Openstreetmap Contributor: Over 250 Edits on Openstreetmap.
- Traveling: Over 10 National Parks visited in the summer break of 2021.