

# Jacob Kampf

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La Crosse, WI, 54601 | (952) 769-9620 | [jacob.kampf7@gmail.com](mailto:jacob.kampf7@gmail.com)

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## Education

University of Wisconsin – Madison

M.S. Cartography & Geographic Information Systems – GIS Development

Expected Graduation – September 2025

University of Wisconsin – La Crosse

B.S. Geography, GIS emphasis

Minor in Computer Science

Graduated May 2024

## Work Experience

### GIS Intern | Dairyland Power Cooperative | January 2024 – August 2024

- Managed, analyzed and updated geospatial data within ArcGIS Enterprise environments
- Used Python and ArcPy to automate and speed up routine tasks
- Developed high quality static maps for internal and external stakeholders
- Generated geospatial files to support interdepartmental needs across the organization

### GIS Lab Tutor/Assistant | UW La Crosse | September 2023 – December 2023

- Assisted students with introductory geography courses by resolving technical and conceptual issues within their GIS work
- Held weekly office hours to offer extended academic support on classwork and project design

### Student Survey Worker | MN Dept. of Transportation | June 2023 – September 2023

- Calculated precise location data along state highways using Trimble survey equipment
- Maintained a personal work schedule and performed most work-related tasks without direct supervision
- Operated and was responsible for a state-owned vehicle, and ensured a strong image of MnDOT

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## Relevant Coursework

Intro to Database Management Systems, Geospatial Database Design & Development, Geospatial Web & Mobile Programming, Interactive Cartography & Geovisualization, Practicum in GIS Development\*

\*To be completed

## Skills & Abilities

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| – Robust GIS and spatial analysis skills    | – Python, SQL, Java                    |
| – ArcGIS Pro, AGOL, Model Builder           | – JavaScript, HTML, CSS                |
| – Experience Builder, Field Maps, Survey123 | – ArcPy, Pandas, GeoPandas             |
| – ArcGIS JavaScript SDK                     | – Experience with Node.js & Express.js |
| – Data cleaning & normalization             | – Experience with Flask                |

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## GitHub

<https://github.com/Kampjaco>