

Kyle McNair

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EDUCATION

University of Wisconsin – Madison
Master of Science – **GIS & Cartography**
Current GPA: 3.73/4.00

Anticipated August 2020

University of Wisconsin – Stevens Point (UWSP)
Bachelor of Arts
Major: **Geography (GIS/Human Geography Emphasis)**
Minor: **Sociology**
Cumulative GPA: 3.60/4.00

December 2016

RELEVANT EXPERIENCES:

Wisconsin State Cartographer's Office

GIS Intern

January 2020 – Present

- Working directly with UW-Madison School of Pharmacy on projects related to public health topics.
- Utilize spatial statistics to research patterns with data provided by the School of Pharmacy.

Westwood Professional Services

GIS Specialist

November 2018 – August 2019

- Created GIS datasets to support the civil/electrical engineering and land survey staff.
- Developed geospatial data in order to deliver map products to clients involved in wind, solar, and other renewable energy projects.

East Central Wisconsin Regional Planning Commission

GIS Assistant

June 2017 – November 2018

- Generated GIS and map products that pertain to comprehensive planning, transportation, economic development, environmental management, and other local assistance projects.
- Maintained GIS datasets and metadata for internal analysis.

City of Marshfield-Wisconsin

GIS Intern

January 2017 – June 2017

- Created map products for the City Planner and GIS coordinator in support for the city's various planning and GIS projects.
- Organized and researched data to update the city's official street map GIS layer.

UWSP Department of Geography and Geology

GIS Technician Intern

June 2016 – December 2016

- Developed an agricultural erosion vulnerability index for the Upper Couderay River Watershed in Sawyer and Washburn Counties, Wisconsin.
- Prepared map products for the Courte Oreilles Lakes Association in order to benefit the understanding of the watershed's water quality issues.

GIS Fundamentals Student Grader

September 2016 – December 2016

- Assisted the professor in grading and evaluating student's GIS projects.
- Provided each student with a means of improvement for their work to learn from their mistakes.

TECHNICAL SKILLS

GIS & Spatial Analysis:

- ArcGIS
- QGIS
- ERDAS Imagine
- R
- Python
- SQL

Cartography & Design:

- Adobe Illustrator
- Adobe Photoshop
- Mapbox Studio
- HTML & CSS
- Javascript
- Leaflet & D3

Other:

- Microsoft Office Suite
- Data Management
- AutoCAD
- Github
- Slack