

ROSS THORN

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EDUCATION, HONORS & AWARDS:

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| University of Wisconsin - Madison | Madison, WI |
| Master of Science | Anticipated May 2018 |
| GIS and Cartography | |

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| University of Wisconsin - Stevens Point (UWSP) | Stevens Point, WI |
| Bachelor of Science – <i>summa cum laude</i> | May 2016 |
| Major: GEOGRAPHY, emphasis GIS/Spatial Analysis | |
| Major: GEOSCIENCE, emphasis Hydrogeology | |

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| Geography and Geology Dept. Academic Honor Award (UWSP) | May 2016 |
| - Awarded to graduating senior with highest GPA in the department | |

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| Dean's Distinguished Achievement Award (UWSP) | April 2016 |
| - Awarded to graduating senior who displays high academic achievement | |

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| Phi Kappa Phi Member | November 2015 |
| - Offered to select undergraduate seniors that are in the top 10% of class | |

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| Raymond and Ellen Specht Cartography Scholarship (UWSP) | May 2014 |
| - Awarded for demonstrating potential for excellence in the field of cartography | |

GIS EXPERIENCE:

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| UWSP Small Business Development Center | Stevens Point, WI |
| GIS MAPPING TECHNICIAN | January 2014 – Present |
| - Gather data from online sources to create maps for small businesses for the purpose of optimizing business performance and development | |
| - Communicate efficiently with supervisor to better understand clients' needs and produce maps to meet those needs in a timely manner | |
| - Use ArcMap, Business Analyst, Microsoft Excel, and Adobe Illustrator to compile and present data in an aesthetically pleasing product | |

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| UWSP Department of Geology/Geography | Stevens Point, WI |
| STUDENT GRADER – FUNDAMENTALS OF GIS | February 2015 – Present |
| - Assess students' GIS and mapmaking abilities based on cartographic principles | |
| - Communicate with supervisor to ensure consistent and accurate assessment | |
| - Complete tasks in a timely manner to ensure students have time to review feedback before being tested on the material | |

RESEARCH EXPERIENCE:

National Science Foundation (NSF)

Madison, WI

PROJECT ASSISTANT

September 2016 – Present

- Collaborating with experts from various fields of study to improve on an existing mobile app designed for geologic educational outreach
- Analyzing existing paleoecological data visualizations to identify advantages and shortcomings in those visualizations
- Implementing analysis findings to develop and integrate a mobile-friendly visualization technique for large datasets of multivariate, spatiotemporal data

UWSP Department of Geology/Geography

Stevens Point, WI

PRIMARY INVESTIGATOR

September 2015 – May 2016

- Built an augmented reality sandbox and created a survey to gauge student interpretation of contour maps
- Wrote detailed proposals for funding and IRB approval that included methodology, relevant scholarship, and importance of the research
- Recruited student participants in accordance with IRB regulations
- Analyzed and presented results of research in UW-System symposium and UW-Stevens Point symposium

OTHER EXPERIENCE:

UWSP Residential Living

Stevens Point, WI

COMMUNITY ADVISOR (CA)

January 2014 – May 2015

- Communicated and collaborated with fellow staff members to create a cohesive residence hall
- Worked 10 – 20 hours/week while a fulltime student

SPECIAL SKILLS:

- Proficiency in ESRI products, including ArcMap, ArcCatalog, Business Analyst
- Proficiency in Microsoft Office products including Excel, Word, PowerPoint
- Experienced with GIS processes like Geodatabase creation and maintenance, Raster Overlay, Terrain Modeling, Vector Analyses, Raster Analyses
- Experienced with Adobe Illustrator and Adobe PhotoShop
- Experienced with Python programming, HTML, and CSS
- Excellent oral and written communication skills
- Great eye for detail
- Outstanding work ethic
- Ability to work independently or as a part of a team
- Strong desire for learning about and teaching cartography