**TIMOTHY J. PRESTBY *resume***

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Resources: [Portfolio](https://timprestby.github.io) | [Twitter](https://twitter.com/TimPrestby)

Last updated: September 14th, 2020

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| **EDUCATION** |

2020-

2020

**Master of Science: Geography** *Pennsylvania State University (PSU)*

**Bachelor of Science: Honors in Cartography and GIS** *The University of Wisconsin-Madison (UW)*

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| **WORK EXPERIENCE** |

2020—

2019—

2018—

2020

2018—2020

PSU-Geography Department: *Research Assistant*

•Determined appropriate representation techniques for spatial data

•Evaluated UI/UX design of Beescape interactive application

UW Seagrant: *Graphic Designer/Research Assistant*

•Developed conceptual framework for a set of ESRI storymaps

•Created an ESRI story map in collaboration with two engineers and an outreach director for science communication

UW Cartography Lab: *Web Designer*

• Formatted the production, research, and people pages of the UW Cartography Website using responsive web design standards

• Launched over 20 education pages showcasing student works

• Wrote and designed two long-form infographic story maps

UW-Geography Department: *Teaching Intern*

• Assisted teaching lab section for [Interactive Cartography and Geovisualization](https://github.com/uwcartlab/webmapping), an advanced course on interactive map design

• Wrote curriculum chapter on [Collaborating with Github](https://github.com/uwcartlab/webmapping/tree/master/Chapter8)

• Held office hours and helped debug students’ code

UW-Madison GeoSpatial Data Science Lab: *Student Researcher*

• Created visualizations for 3 geospatial research projects

• Solved geographic problems using python programming by developing more than 15 scripts

• Proofread 10 geospatial papers for academic journals submission

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| **SKILLS** |

**Cartography/Graphic Design:**  Adobe Illustrator, Photoshop, Indesign, Mapbox Studio

**Web Development**: HTML, CSS, JS, Bootstrap jQuery, Leaflet, D3, GIT, Angular

**Data Analysis/GIS:** QGIS, ArcGIS, Python, (Geo) Pandas, R, Excel

**Language:** Intermediate Spanish

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| **AWARDS and HONORS** |  |

2020

2019

2019

2019

2019

2017-2019

2016-2020

**Olmstead Award:** Awarded for my excellence and service in the cartography/GIS department at UW-Madison

**Barbara Bartz Petchenik Award:** Received first place for my merit in cartographic design principles, thought, and outcome

**WLIA Map and Poster Competition:** Received first place student thematic map and keynote’s choice awards

**Jerome Kohn Award:** Awarded for my passion and excellence in geography with an emphasis in cartography

**Phi Beta Kappa:** Selected for my outstanding academic achievement at UW-Madison and my record of having met high standards of personal conduct and academic integrity

**Community Environmental Scholar:** Awarded for my passion for the environment, service to others, and leadership

**UW-Madison Dean’s List**: Received for maintaining high GPA

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| **PROFESSIONAL MEMBERSHIPS** |

2019—

2019—

2019—

Association of American Geographers (AAG)

Cartography Specialty Group of the Association of American Geographers (AAG‒CSG)

North American Cartographic Information Society (NACIS)