TIMOTHY J. PRESTBY *curriculum vitae*

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Research Interests: Cartography, geographic visualization, user experience design, web mapping, user-centered design, usability engineering, and visual storytelling.

EDUCATION

2020	**Bachelor of Science: Honors in Cartography and GIS** *The University of Wisconsin-Madison*

GRANTS

2019	**TJ Prestby.** Understanding Neighborhood Isolation through Big-Data Human Mobility Analytics. *Hilldale Undergraduate Grant.*

AWARDS and HONORS

2019	**Barbara Bartz Petchenik Award:** Received first place for my merit in cartographic design principles, thought, and outcome.
2019	**WLIA Map and Poster Competition:** Received first place student thematic map and keynote's choice awards
2019	**Jerome Kohn Award:** Awarded for my passion and excellence in geography with an emphasis in cartography
2019	**Phi Betta Kappa:** Selected for my outstanding academic achievement at UW-Madison and my record of having met high standards of personal conduct and academic integrity.
2017-2019	**Community Environmental Scholar:** Awarded for me passion for the environment, service to others, and leadership.
2016-2019	**UW-Madison Dean's List**: Received for maintaining high GPA
2015	**American Legion Boys State:** Selected to attend Wisconsin Boys State for my character, leadership, cooperation, scholarship, and participation in extracurricular activities.

WORK EXPERIENCE

2018—   **GeoSpatial Data Science Lab:** Student Researcher
- Work under Professor Song Gao and graduate students on multiple geospatial research projects.
- Geoscript in python and visualize data using ArcMap, python packages, and Adobe Illustrator.

2018—   **UW-Cartography Lab:** Web Designer
- Work under Professor Rob Roth on NSF Career Grant
- Update and debug UW-Cartography Website.
- Code in 'HTML', 'Javascript', and 'CSS'

2016-2018   **Twin Elm Gardens:** Gardener
- Grow microgreens and help train new workers.

PROFESSIONAL MEMBERSHIPS

2019—   Association of American Geographers (AAG)

2019—   Cartography Specialty Group of the Association of American Geographers (AAG—CSG)

2019—   North American Cartographic Information Society (NACIS)

SKILLS

Adobe Illustrator	Adobe Photoshop	Adobe InDesign
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Expert	*Advanced*	*Intermediate*

Microsoft Word	Microsoft Excel	Microsoft PowerPoint
■■■■■■■■	■■■■■■□□	■■■■■■■■
Expert	*Advanced*	*Expert*

HTML	CSS	JavaScript
■■■■■■□□	■■■■■■□□	■■■■■■□□
Advanced	*Advanced*	*Advanced*

Python	ArcGIS	QGIS
■■■■■■□□	■■■■■■■■	■■■■■■□□
Advanced	*Expert*	*Advanced*

D3

■■■■■□□
Advanced

Leaflet

■■■■■□□
Advanced

Bootstrap

■■■■■□□
Advanced

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Working Independently

■■■■■■■
Expert

Verbal communication

■■■■■□□
Advanced

Writing

■■■■■■■
Expert

Teamwork

■■■■■□□
Advanced

Organization

■■■■■□□
Advanced

Time Management

■■■■■■■
Expert