

# Lily M. Houtman

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## EDUCATION

University of Wisconsin – Madison: Cartography and GIS, B.S. (Honors); Anthropology, B.S. (Graduation: Spring 2022)  
Dean's List, Fall 2018 to Spring 2020, GPA 4.0  
Bay Port High School - Green Bay, Wisconsin (Graduated: Spring 2018)

## CARTOGRAPHIC EXPERIENCE

	YEAR(S)
<u>Student Assistant at UW-Madison Cartography Lab</u>	Fall 2020-Present
<i>Following client instructions, edit and create maps on a variety of topics, using ArcGIS, Adobe Illustrator, and open source software when needed; collaborate with other students and designers</i>	
<u>Data and Graphics Journalist at The Daily Cardinal</u>	Fall 2020-Present
<i>Collaborative with other student journalists to create visual stories; follow guidelines of journalists to create supplementary graphics to assist with stories; brainstorm with other graphics reporters</i>	
<u>Education Intern at Green Bay Botanical Garden</u>	Summer 2020
<i>Implement the use of maps and graphics in all-age educational programs; create maps and graphics using Adobe Illustrator and QGIS; communicate science in weekly Facebook Live videos</i>	
<u>Undergraduate Lab Assistant for Dr. John Hawks, Professor of Paleoanthropology</u>	Spring 2020
<i>Collaborate with non-cartographers to process data for static maps created in QGIS and Adobe Illustrator; consider complex scientific papers and perspectives to craft clear and detailed visuals</i>	
<u>Field Assistant at Swartkrans Paleoanthropology Field School</u>	Summer 2019
<i>Gain real-world field experience in the physical sciences, including data cataloguing and cleaning; use of total station technology to accurately record geographic information for future use</i>	
<u>Undergraduate Lab Assistant for Dr. Sarah Clayton, Professor of Mesoamerican Archaeology</u>	Spring 2019-Spring 2020
<i>Digitally map and align profile and plan view excavation drawings in Adobe Illustrator; synthesize archaeological field data for future research, with an emphasis on student-driven data analysis</i>	

## OTHER SCIENTIFIC/SCI-COMM EXPERIENCE

	YEAR(S)
<u>Curation Intern in the Departments of Geology and Zoology, UW Madison</u>	Spring 2020
<i>Organize, label, and photograph existing museum collections and process incoming objects both on paper and digitally, to assist curators in the accurate tracking of specimens and artifacts</i>	
<u>Curation Intern in the Department of Anthropology, UW Madison</u>	Fall 2019-Present
<i>Cross-reference databases to update catalogue records for human and primate bones and casts; edit database records for consistency; implement new organization tactics for collections to assist TAs</i>	
<u>Program Assistant for GreenHouse Learning Community</u>	Fall 2019-Present
<i>Research and plan environment and sustainability-related events for first-year students; collaborate with other program assistants in event implementation; foster community to create long-term relationships</i>	
<u>Collections Intern at the Neville Public Museum</u>	Summer 2019
<i>Plan exhibits for long-term public view; prepare historical collections for storage with an emphasis on data collection (condition, location, history); collaborate with other staff to catalogue consistently</i>	

## AWARDS

	YEAR(S)
<u>Barbara Bartz Petchenik Award</u>	Spring 2020
<i>Won the second place undergraduate award for my Introduction to Cartography map titled "Wisconsin's 2020 Democratic Primary," analyzing the effects of COVID-19 on voter turnout</i>	

## CARTOGRAPHY COURSES

Introduction to Cartography  
Graphic Design in Cartography  
Introduction to GIS  
Advanced Paleocology

## SCI-COMM COURSES

Current Issues in Paleoanthropology  
Primate Behavioral Ecology  
Geology of the National Parks  
Glacial and Pleistocene Geology

## SPRING 2020 COURSES

Interactive Cartography/Geovisualization  
GIS Applications  
Cartography Independent Study  
Data Journalism

## SKILLS

Microsoft Office Suite | ESRI Software | QGIS | Adobe Creative Cloud | R | Google Drive | MapBox Studio | HTML/CSS