

JOHN “JACK” PLASTERER

4817 Bayfield Terrace Madison, Wisconsin, 53705 (608) 287-8703 jman@plastererfamily.com

WORK EXPERIENCE

WISCONSIN GEOLOGICAL & NATURAL HISTORY SURVEY, MADISON, WI

Student Worker in GIS, May 2023-

- Refined locations of water wells using public land survey system (PLSS) data, county cadastral and permit data, and digital orthoimagery in ArcGIS Pro
- Digitized geologic logs for wells and boreholes in the Wisconsin Mineral Development Atlas with Microsoft Access®

ITERIS, MIDDLETON, WI

Traffic Operations Editor, February 2022-January 2023

- Employed GIS analysis techniques to evaluate traffic patterns and reconcile multiple observation sources into a shared situational view.
- Collected highway traffic data to support recommendations for improved highway efficiency.

STARKWEATHER ASSOCIATION SERVICES, MADISON, WI

Associate Product Manager/Tech Writer, April 2014-February 2022 (part-time)

- Created animated marketing materials that resulted in a sales increase and marketing library for Starkweather.
- Created animated learning content for change management product line.
- Developed methodology for creating animated learning and advertising content used across multiple product lines, reviewed content for accessibility issues, and processed into Mediasite media library.
- Organized data lists and structures using Excel, SQL, and other programs.
- YourMembership software solutions: created client tools and wrote technical documentation.

WISCONSIN UNION CATERING, MADISON, WI

Student Supervisor, July 2018 – June 2019

Student worker, September 2017-July 2018

- Provided outstanding customer service for events at UW-Madison, the State of Wisconsin, and other organizations.
- Supervised student workers during events to include checking attendance, assigning tasks, and reviewing quality of student tasks.

VALLEY NEW SCHOOL, APPLETON, WI

German Language Tutor, May 2015 – June 2017

- Organized a German language discussion table for students to practice their German conversation skills.
- Developed exercises to improve students' speaking, writing, reading, and vocabulary.

EDUCATION

UNIVERSITY of WISCONSIN, MADISON, WI

College of Letters and Science, Geography Dept., GISPP master's Program, Spring 2023- Spring 2024

- Currently enrolled in Capstone in GIS Development (Geog777, 4.0 credits)

College of Letters and Science, Geography Dept., GIS Capstone Certificate, September 2017-August 2020

- Projects included:
 - Constructed a web and mobile application that could track submissions of carbon footprints and efforts to mitigate climate change, as well as mapping CO2 emissions by facilities in Wisconsin.
 - Participated in a team project that detected and mapped phosphorus levels in the Lake Mendota watershed.

- Developed a regional expression map for the UW's Dictionary of American Regional English (DARE) program.
- Created a digital map of the cryosphere using ArcMap, which featured six components of the cryosphere: sea ice, permafrost, ice sheets, glaciers, snow cover & ice shelves.

UNIGIS WORKSHOP 2020, VRIJE UNIVERSITEIT VAN AMSTERDAM, AMSTERDAM, NETH.

- Collaborated on a project to analyze and ascertain flood prevention in the Netherlands using ArcGIS tools.

LAWRENCE UNIVERSITY, APPLETON, WI

B.A., History and German, September 2013-June 2017

- Senior capstone research project created and delivered in both English and German, *Freedom Education and Wellbeing for all (Freiheit Bildung und Wohlstand für Alle)*. This was an independent research project and original work describing *Der Freidenker*, a German-language newspaper based in Milwaukee, WI from 1884-1942, and its importance in the labor movement in Milwaukee.
- Extracurriculars included varsity cross-country, club rowing, Nordic skiing, and choir.

MADISON WEST HIGH SCHOOL, MADISON, WI

High School Diploma, September 2009-June 2013

ADDITIONAL SKILLS & INTERESTS

- Fluent in German; actively learning Dutch, Spanish, and French.
- Proficient in ArcMap, QGIS, Python, PostgreSQL, HTML/CSS, YourMembership.com AMS, Office 365 (Word, Excel, and PowerPoint), Adobe Illustrator and more. Additional technology exposure includes Java, JavaScript, jQuery/Ajax, Android Studio, R, and structured query languages.
- *Telemark Ski Chair* with UW-Madison's *Hoofers Outing Club*.