Morgan Jarocki

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Objective

Dedicated professional with strong Cartography/GIS experience looking to challenge self and push abilities in new mapping technologies within both digital or print production.

Work Experience

U.S. Census Bureau, Cartographic Products and Services Branch
Cartographer
Feb 2016–Present

- Collaboration on web mapping applications, including:
    - Basemap maintenance, research, creation, and styling through mix of ESRI, Mapbox, and open source services to support central data dissemination platform.
    - Lead on basemap design for internal mapping applications
    - Creation of internal mapping applications using ESRI map services.
    - Front-end HTML formatting and CSS design for Census web applications for both public and internal clients.
- Creation of custom project request for clients with ESRI and Adobe products in both digital and print mediums.
- Regular output and modification of maps for internal briefings and releases using ESRI ArcMap and Adobe suite.
- Routinely perform quality assurance for Census products.

Rowan Technology Solutions
Cartographer
Sep 2014—Aug 2015

- Project lead on innovation of map visual language.
- Implemented new work flow for production teams, improving tracking and communication.
- Managed the conception and curation of database to boost product creation and editing.
- Collaborated in development of tile server to massively cut production time, using Python, Blender, and Mapbox products.

National Geographic Partners
Magazine Graphic Design Map Intern
Sep 2013–Nov 2013

- Researched, created, and edited maps and data for monthly magazine; including print to digital conversion within Adobe and ESRI enviornments.
- Observed meetings and interviewed coworkers to understand work flows, professional habits, and decision-making processes.

11th Edition Thematic Atlas Contract Researcher and Cartographer
Apr 2018–Aug 2018

- Independent research and data collation for atlas spreads; includes discussion of themes and data interpretation with text writing teams.
- Creation and design of thematic maps and graphics for spreads using MAPublisher.

Education and Involvement

BA in Cartography/GIS, 2013
University of Wisconsin-Madison
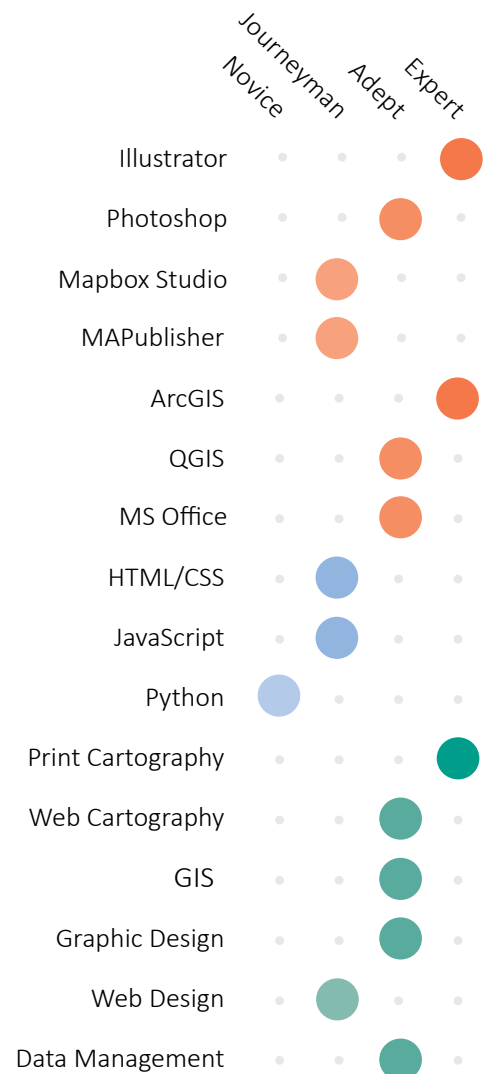Dean's List Recipient

North American Cartographic Information Society (NACIS)
Member 2012–present

Member of *CreativeCarto* and *Maptime* communities

Skills and Software

Skill	Novice	Journeyman	Adept	Expert
Illustrator				●
Photoshop			●	
Mapbox Studio		●		
MAPublisher		●		
ArcGIS				●
QGIS			●	
MS Office			●	
HTML/CSS		●		
JavaScript		●		
Python	●			
Print Cartography				●
Web Cartography			●	
GIS			●	
Graphic Design			●	
Web Design		●		
Data Management			●	

Noted Awards and Published Works

The 11th Edition Atlas of the World, National Geographic, 2019
> Thematic Spread: "Population"
> Thematic Spread: "Urbanization"

The ESRI Map Book, Volume 33, ESRI Press, 2018
> Map: "2010 Census of Population of United States and Puerto Rico"

The West Point History of World War II, Volume 1, Simon and Shuster, 2015

The West Point History of the Civil War, Enhanced Edition, Rowan Technology Solutions, 2014

Map "Displaced by War," published in *National Geographic Issue, March 2014*;
> Article: "Journey Without End"

Map "Spreading the Word," published in *National Geographic: Jesus and the Apostles, March 2014*

American Association of Geographers: National Geographic Student Award in Mapping, 1st Place,
> Map:"Poetic Traditions of the Arabs," 2013

North American Cartographic Information Society: Student Interactive Mapping Award, 1st Place
> Map: "#Sandy," 2013