Morgan Jarocki

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WORK EXPERIENCE

U.S. Forest Service, Data Resource Management | Cartographer | 2021-Present
- » Project management role of publicly for-sale, static maps in the USFS Pacific Northwest Region; which includes Forest Visitor Maps, Ranger District Maps, and the Bureau of Land Management collaboration PNW Recreation Map Series.
- » Technical lead for creation process, from conceptualization and implementation of workflows to pull and manipulate data for cartographic use in the ESRI environment, to boosting of efficiency through improved template design using a combination of Adobe CC and Avenza MAPublisher.
  - › Work required synthesizing data from multiple federal and state corporate databases together to make them useable for cartographic production.
  - › Innovative contributions within role have increased efficiency of map production fivefold.
- » Application of adaptable skillset in support of organizational goals:
  - › Providing leadership with internal map products and graphics.
  - › Offering knowledge and acting as a mentor for staff growth and skills development.
  - › Managing of map product inventory in digital and physical spaces.

U.S. Census Bureau, Cartographic Products and Services Branch | Cartographer | 2016–2021
- » Technical role in building the geospatial component for the updated public facing, centralized data dissemination platform *census.data.gov.*
  - › Lead designer on multiple multi-scalar basemaps covering the entire U.S. territorial area within ArcGIS Pro.
  - › Creation and upload of corporate Census feature layer services hosted on ESRI Portal environment.
- » Creation of both static and dynamic map products for internal clients; examples include live progress trackers to support leadership during the 2020 Census, and wall maps for outreach and educational programs within the Census bureau.
  - › Custom modification of corporate Census data for joining between spatial and tabular aspects for practical cartographic application.
- » Routine performance of quality assurance checks for publicly released Census map products.

Rowan Technology Solutions | Cartographer | 2014—2015
- » Project lead for creation of cartographic assets of digital and print text books, with focus on improvement in workflows for production teams, and enhancing tracking and communication between teams. Includes creation and curation of a database used in map production.
- » Design lead on innovation of map visual language for shift from purely digital to print production.
- » Support role in development of custom tile server package to substansively cut production time using a combination of Python, Blender, and TileMill.

ABOUT

An established Cartography and GIS professional based in Portland, OR, whose analysis and design abilities create polished products.

Always looking to challenge self and improve abilities with new mapping technologies.

EDUCATION AND INVOLVEMENT

BA from the University of Wisconsin-Madison, 2013

North American Cartographic Information Society (NACIS)
Member 2012-Present

American Association of Geographers (AAG)
Member 2016-Present

Member of *CreativeCarto* and *Maptime* communities

SKILLS

ESRI Suite *(ArcGIS, AGOL, Portal)*, Adobe Creative Cloud *(Illustrator, Photoshop, InDesign)*, Avenza *(MAPublisher, Geographic Imager, Maps)* QGIS, Mapbox Studio, HTML/CSS, JavaScript, Python, SQL

National Geographic Partners

11th Edition Thematic Atlas Contract Researcher and Cartographer | 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.

Magazine Graphic Design Map Intern | 2013

» Researched, created, and edited maps and data for monthly magazine; including print to digital conversion within Adobe and ESRI environments.

» Observed meetings and interviewed coworkers to understand work flows, professional habits, and decision-making processes.

UW-Madison Cartography Lab | Student Cartographer | 2012–2013

» Project Manager filling all roles in map creation; from data curation to final design for multiple clients including publishers, museums, and universities.

» Exploration of available cartographic and GIS software packages, across ESRI, Adobe Creative Suite, QGIS, Avenza MAPublisher, and Mapbox.

PUBLISHED WORKS AND AWARDS

» Pacific Northwest Recreation Map Series
  › Steens Mountain Country, 2025
  › Upper Klamath Basin, 2024
  › Malheur River Country, 2024
  › Southern Washington Cascades, 2023
  › Owyhee Canyon Country, 2023
  › Land of Umpqua, 2023
  › Upper Rogue Basin, 2021
» USFS Ranger District Maps
  › Powers & Gold Beach Ranger Districts, 2025
  › Mt Adams Ranger District, 2025
  › Mount St Helens National Volcanic Monument & Ranger District, 2025
  › Cowlitz Valley Ranger District, 2025
  › Sweet Home Ranger District, 2024
  › Sullivan & Three Rivers Ranger Districts, 2022
» 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