

Margaret Raimann

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Education

University of Wisconsin - Madison, BA, Spring 2013
Human Geography, Cartography/GIS, & Environmental Studies

Relevant Coursework:

Evolution of American Planning; Landscape and Settlement in the North American Past; Survey of American Suburbs; Fieldschool in American Vernacular Architecture; Urban Food Systems, Food Security, and the Environment; Introduction to Geographic Information Systems; Introduction to Cartography; GIS Applications; Graphic Design in Cartography; Interactive Cartography and Geovisualization

Research Interests

Community Development, Community Health, Land Use, Historic Preservation, Sustainability, Food Security, Urban Design, GIS Applications in Planning

Research Experience & Awards

National Center for Freight & Infrastructure Research & Education

Research Intern | Madison, WI | March – May 2013; Oct 2013 – Jan 2014

- Created a map template for a research study highlighting various freight corridors using ArcGIS and Adobe Illustrator
- Built an ArcGIS script tool in Python to calculate location quotient values for a targeted industry within the Mid-America Freight Coalition's region
- Learned importance of interdisciplinary research in transportation planning, especially when considering the social and economic effects of freight corridors on adjacent communities

University of Alberta Research Experience Program

GIS Research Assistant | Edmonton, Alberta, Canada | June – Sept 2013

- Assisted a PhD candidate to advance research of historical ecology and landscape change in the Canadian Rocky Mountains by completing various data management tasks
- Explored methods for representing large spatiotemporal datasets through both geodatabase construction and open-source alternatives

Wisconsin State Cartographer's Office

Intern | Madison, WI | Spring 2013

- Developed skills in Python scripting for automated terrain representation, specifically hypsometric tinting
- Drafted a technical publication to communicate the process and meaning imbued in the script

Hilldale Undergraduate Research Fellowship

Madison, WI | Academic Year 2012 – 2013

- Chosen from competitive pool of applicants based on a project proposal, transcript, and a faculty advisor recommendation
- Collaborated with a Professor of Art History to archive research on the vernacular landscape of Madison, WI and produced a digital representation in the form of a publicly accessible web map
- Presented final web map and production process at annual campus-wide Undergraduate Research Symposium

University of Wisconsin Department of Art History

Independent Study | Madison, WI | Fall 2011 – Spring 2012

- Contributed written entries to a guidebook distributed at the Vernacular Architecture Forum's 2012 conference
- Produced maps for vernacular architecture walking tours in various neighborhoods in Madison, WI

Professional Experience

Terra Carta (formerly XNR Productions)

Cartographer/Designer | Madison, WI; Portland, OR (via remote access) | Jan 2014 – Oct 2015

- Produced high-quality custom maps and graphics based on project specifications and within an efficient timeline, as defined by the client
- Researched and developed processes for interactive mapping projects and produced functional, design-forward products using various web mapping platforms
- Expected to quickly understand detailed project specifications and produce maps in a cartographic design production environment

Freelance Cartography

Cartographer | Madison, WI; Portland, OR | May 2013 – present

- Produced drafts and final products along specific deadlines given by the client
- Learned to process critiques and efficiently provide final products to satisfy the client while upholding cartographic design standards

City of Fitchburg, WI Planning & Zoning Department

Planning Intern | Fitchburg, WI | May – Dec 2012

- Completed various department projects, including a demographic profile of the city based on Census data and a housing typology for Rural Cluster standards, using a combination of ArcGIS, Excel, and Adobe InDesign
- Learned daily tasks of the Zoning Administrator, Community Planner, and Resource Planner and observed their interactions with other city staff, private stakeholders, and public citizens

University of Wisconsin Campus and Visitor Relations

Information Guide | Madison, WI | Jan 2011 – May 2013

- Supported editing and review of content management system for internal and external campus and community use
- Used effective communication and interpersonal skills to distribute campus information to visitors and greater community members

The Daily Cardinal (University of Wisconsin student newspaper)

Copy Chief | Madison, WI | May 2010 – May 2011

- Created front-page and news layouts using Adobe InDesign, which required knowledge of basic design aesthetics
- Developed teamwork skills through coordinating with other editors to meet daily deadlines, while also completing independent preparation and delivery in a fast-paced environment

Volunteer Experience

Friends of Trees

Saturday Planter | Portland, OR | March 2015

- Planted trees with a crew of volunteers in the Arbor Lodge, Overlook, Kenton, and Portsmouth neighborhoods

Wisconsin Science Festival

Information Guide | Madison, WI | Sept 2015

- Welcomed visitors at the entrance of the festival and provided information about scheduled events and activities

Food: An Atlas

Cartographer | July – Nov 2012

- Contributed cartographic design skills to the crowd-sourced project organized by the Cartography and GIS Education Lab at UC Berkeley
- Project was successfully funded and distributed to supporters, schools, libraries, and community centers across the world to serve as an educational tool for issues of food security, production, etc.

Volunteer Experience [continued]

Vernacular Architecture Forum Conference

Tour Assistant | Madison, WI | June 2012

- Served as a point person for neighborhood tours across the city to ensure timely arrivals and departures at each stop
- Provided historical information for several properties featured on the tour

Wisconsin Dental Association Mission of Mercy

Patient Ambassador | Madison, WI | June 2012

- Escorted patients between departments and ran other on-site errands as needed by department leads or other volunteers

Student Conservation Association Alternative Spring Break

Vegetation Program Volunteer | Grand Canyon National Park | April 2010

- Completed vegetation restoration projects in Grand Canyon National Park with a crew of about 20 service members
- Increased knowledge of restoration efforts through presentations by National Park Service staff

Technical Skills

- ArcGIS
- Quantum GIS
- Adobe Creative Suite
- AutoCAD (basic drafting functions)
- Python scripting
- HTML5/CSS/JavaScript
- Microsoft Office