Margaret Raimann

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Objective

Seeking a full-time position to apply my interests in connecting the built, social, and natural environments through interdisciplinary connections and geospatial technologies

Education

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

Research Awards & Relevant Coursework

University of Alberta - Research Experience Program | GIS Research Assistant | Summer 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

Hilldale Undergraduate Research Fellowship | Academic Year 2012 - 2013

- Collaborated with a Professor of Art History to archive her research on the vernacular landscape of Madison, WI and produced a digital representation in the form of an accessible web-map (final product viewable in web portfolio at this link)

Relevant Coursework: Evolution of American Planning; Survey of American Suburbs; Fieldschool in Vernacular Architecture; GIS Applications; Graphic Design in Cartography; Animated and Web-Based Mapping; Introduction to Geocomputing

Relevant Professional Experience

Terra Carta (formerly XNR Productions) | Cartographer/Designer | Jan 2014 - present

- Produce high-quality custom maps and graphics based on project specifications and within an efficient timeline, as defined by the client
- Research and develop processes for interactive mapping projects and present to both internal staff and clients in oral presentations or written procedures
- Expected to quickly understand detailed project specifications and produce maps in a cartographic-design production environment

National Center for Freight & Infrastructure Research & Education | Research Intern | March - May 2013; Oct 2013 - Jan 2014

- Created preliminary template for a publication highlighting various freight corridors using ArcGIS and Adobe Illustrator
- Built ArcGIS script tool in Python to calculate location quotient values for a targeted industry within the Mid-America Freight Coalition's region

City of Fitchburg, WI - Planning & Zoning Dept. | Planning Intern | 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 Dept. of Art History | Independent Study & Student Hourly | Summer 2011 - May 2013

- Contributed written entries and maps to a guidebook for the Vernacular Architecture Forum's annual conference in 2012
- Practiced basic drafting techniques and primary research skills through completing fieldwork in a Historic District in Madison, WI

The Daily Cardinal (University of Wisconsin newspaper) | Copy Chief | 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

Technical Skills

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