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 community-based interactions and geospatial communication

Education

University of Wisconsin - Madison
BA '13, Human Geography, Cartography/GIS, & Environmental Studies

Relevant Coursework & Research

University of Alberta - Research Experience Program | *GIS Research Assistant* | *Summer 2013*

- Assisted a PhD candidate to help advance his research on historical ecology, landscape change, and fire management in the Canadian Rockies through completing various data management tasks
- Explored methods for representing large datasets through both geodatabase construction and open-source alternatives

Hilldale Undergraduate Research Fellowship | *Academic Year 2012 - '13*

- Collaborated with Professor of Art History, Anna Andrzejewski, to represent her research on Madison's vernacular landscapes in an accessible web-map form
- Built a web page to support the data presented in the web map using fundamental web design skills

Wisconsin State Cartographer's Office | *Intern* | *Spring 2013*

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

Other Relevant Coursework: *Geog 578 - GIS Applications; Geog 676 - Introduction to Remote Sensing; Geog 572 - Graphic Design in Cartography; Geog 575 - Animated and Web-Based Mapping; Geog 378 - Introduction to Geocomputing*

Work Experience

Center for Freight & Infrastructure Research & Education | *Research Intern* | *March - May 2013*
- Built ArcGIS script tool in Python to calculate location quotient values for a targeted industry within the Mid-America Freight Coalition's region
- Created preliminary template for a publication highlighting various freight corridors

City of Fitchburg - 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
- Enhanced skills in ArcGIS, specifically tools used regularly in the planning field
- Expected to carry out tasks efficiently and completely in both independent and group situations

UW Visitor & Information Programs | *Information Guide* | *January 2011 - May 2013*
- Honed customer service skills by answering phone calls and emails to provide information about UW-Madison's resources and departments
- Required to communicate effectively with walk-in contacts at the Student Union, Welcome Center, and the Wisconsin Institutes for Discovery when in need of campus and community information

The Daily Cardinal | *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 while coordinating with other editors to meet daily deadlines, while also completing independent preparation and delivery

Technical Skills

- ArcGIS
- Quantum GIS
- AutoCAD

- Adobe Creative Suite
- Python scripting
- HTML5

- CSS
- Javascript
- Microsoft Office