

Monica Spitzer

Salisbury MD

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Work Experience:

Wicomico County Board of Education (Facilities Planning Coordinator)

Summer 2016-Present

- Establishing and maintaining a working GIS database
- Conducting studies for adjustment of school attendance boundaries based on analysis of population characteristics and resource management
- Creating maps and graphical diagrams to prioritize schools renovation projects based on which need the most attention
- Compiling reports of GIS analysis that demonstrate which schools are best suited for possible environmental projects
- Calculating and maintaining current state rated capacity numbers based on surveying facility use at schools
- Reviewing and analyzing development plans for impact on school system based on surrounding demographics

Science Discovery Center Museum (Docent)

Fall 2015-Spring 2016

- Compiled GIS Shapefiles for animal range data and outline maps
- Created maps showing ranges for animals in museum to promote conservation
- Led tours of the museum for members of the public

Frostburg Grows Sustainable Agriculture Center (Intern)

Fall 2015

- Served as a liaison between Frostburg Grows and university students
- Assisted in organizing volunteer events
- Assisted with farm work and construction onsite
- Authored material to educate the public on Frostburg Grows

Habitat for Humanity (Intern)

Summer 2015

- Collected data on neighborhood conditions through onsite surveys
- Compiled data from various sources on neighborhood demographics
- Created graphical representations of compiled neighborhood data
- Assisted with asset mapping at community meeting

Relevant Skills:

- Cartography and GIS analysis with ArcMap, ArcGIS Online, and Google Earth
- Web design with Core FTP
- Statistical analysis with SPSS and Microsoft Excel
- Graphic design with Adobe InDesign, Illustrator, and Photoshop

Education:

- University of Wisconsin Madison, Madison WI
M.S., GIS and Web Map Programming
- Frostburg State University, Frostburg MD
B.S., Urban and Regional Planning, Geography
(Magna Cum Laude)

**Graduation:
Spring 2020**

Spring 2016

Selected Courses:

- Principles of Geographic Information Science
- Fundamentals of Cartography
- Graphic Design in Cartography
- Research Methods in Geography
- Fundamentals of Geographic Data Handling

Awards and Honors:

- Departmental Honors for Urban and Regional Planning at Frostburg State University
- Vice President of Frostburg State University Geography Club
- Dean's List for Frostburg State University

Spring 2016

Spring 2016

Spring 2014-Spring 2016