

Jane GIS  
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Website/blog

**Education**

University of Wisconsin Eau Claire, B.S. Major Geography (4.0/4.0) expected May 2015  
Minor: Political Science  
Study Abroad, Nowhere Fall 2014  
Geospatial Certificate in GIS

**Employment**

GIS Internship Summer 2014  
Lame County, WI  
Responsibilities: Digitizing, map making, and land use and land cover classification. A total of 5,000 parcels were updated by using ArcGIS editing tools.

**Related Coursework**

GIS I (Geog 335) and GIS II (Geog337) Fall 2014 and Spring 2015

- Projections and coordinate systems, data models, data generation and gathering, tables (joins), SQL, vector analysis (buffer, intersect, union, identity, erase), raster analysis (map algebra, slope, aspect), Model Builder, data collection, and GIS Integration
- Geodatabase management and design, topology creation and implementation, data interoperability, geocoding, network analysis, raster modeling, and python scripting
- Semester long project on Sand Mining in Western, WI Blog Site

GIS III (Geog 435) Spring 2015

- GIS project development and proposal writing, spatial interpolation, LiDAR basics, least cost path, spatial statistics, QGIS, and custom python script tools
- Project title and basic description (method, # points, results)

Geography Seminar (Geog 401)

Spring 2015

- Semester project xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
- Geocoded address of # houses for sale, statistical analysis of housing, interpolation of housing values, map production

**Relevant Experience**

Faculty-Student Collaborative Research Project Spring 2014

- Xxxxxxxxxxxxxxxxxxxxxxxxxxxxx, Presented at UWEC Student Research Day
- Georeferenced over 50 aerial photographs, digitized landuse and land cover for 400 acres of land, gathered 75 points of ground truth data with GPS, prepared data tables, and poster

Student Academic Apprentice for Physical Geography Lab

Fall 2013

- Prepared for weekly lab sessions; assisted students in completing and understanding lab exercises

### **Presentations**

- "Mapping Nothing". Association of American Geographers Annual Meeting. Washington DC. 2009.
- "Mapping Nothing in Wisconsin". Wisconsin Land Information Association. Stevens Point, WI 2012.

### **Software Proficiency**

- Microsoft Office (Word, Excel, Access); Adobe (Illustrator, Photoshop); SPSS; Trimble Pathfinder Office, Erdas Imagine, QGIS, WordPress
- Esri ArcGIS 10.1 (Spatial Analyst, Network Analyst, Geostatistical Analyst), ArcPad
- ESRI Online Courses: Geodatabase Management and Design; Geodatabase Topology; Urban and Regional Planning

### **Volunteer Work**

Service Learning Project: explanation

Fall 2013

Geography Club Active Member: explanation of activities

Fall 2012-Present

Volunteer at XXXX: explanation

Fall 2012 and Fall 2013

### **Memberships and Awards**

Association of American Geographers

Gamma Theta Upsilon (Geography Honors Society)

Undergraduate Researcher of the year award 2009

Nerd of the month club 2009-present