

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

Relevant Experience

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.

Faculty-Student Collaborative Research Project Spring 2014

- *XXXXXXXXXXXXXXXXXXXXXXXXXX*, 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 Apprenticeship for Physical Geography Lab Fall 2013

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

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 *XXXXXXXXXXXXXXXXXXXXXXXXXX*
- Geocoded address of # houses for sale, statistical analysis of housing, interpolation of housing values, map production

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

References Available Upon Request