

# REED HALL

213 N River St. #3, Ypsilanti MI, 48198

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## QUALIFICATIONS

Three years of experience using ArcGIS software and one year experience with field GPS data collection. A strong commitment to completing all phases of projects according to deadlines, with attention to detail and quality. A firm understanding of map design and creation. Hands on knowledge of database implementation and data extraction using Structured Query Language. Specialization in Geoprocessing and spatial analysis.

## SKILLS

- |                              |                    |                       |
|------------------------------|--------------------|-----------------------|
| * Windows 2000, XP, Vista, 7 | * ArcGIS Desktop   | * Python              |
| * Excel                      | * Spatial Analyst  | * GPS Data Collection |
| * Access                     | * Network Analyst  | * ArcSDE              |
| * Word                       | * Tracking Analyst | * PostGIS Database    |

## EDUCATION

Bachelor of Sciences, Earth Science, Minor in Geographic Information Systems; May 2008  
Eastern Michigan University, Ypsilanti MI

## EMPLOYMENT

**GIS Analyst** 2008 - 2009  
Michigan Tech Research Institute Ann Arbor, MI

- GPS data collection for a project involved with Michigan International Speedway
- Worked closely with senior scientists on government funded projects
- Created and managed PostGIS database for a international border freight flow project.
- Wrote ArcGIS batch processing Python scripts for modeling tools, which were then used by the Natural Resources and Conservation Service for stream buffer land use applications.
- Updated, and maintained the Millers Creek Wiki site for the Huron River Watershed Council
- Operated GPS units during field sampling for a Michigan transportation project

**Research Assistant** 2007 - 2008  
Institute of Geospatial Research & Education, Eastern Michigan University Ypsilanti, MI

- Used ArcGIS Software to create, process, and edit geospatial data
- Created necessary documentation, and reports related to ongoing projects
- Performed quality control through testing of newly developed software

**Master Cartographer** 2007 - 2008  
*A Regional Geography of the United States and Canada: Toward a Sustainable Future*, Book Author:  
Chris Mayda Ypsilanti, MI

- Researched various methods for production of Professional quality maps
- Acquired the necessary data, according to strict guidelines developed by the Author
- Produced study area maps for each region described in the book

**Laboratory Assistant** 2006 - 2007  
Eastern Michigan University Ypsilanti, MI

- Worked closely with professors in a GIS computer lab setting
- Answered students questions regarding lab material and showed them examples, with a hands on approach using ArcGIS software