

## **Experience**

### **Johnson Outdoors and Marine Electronics** - Little Falls, Minnesota

#### ***GIS Analyst*** - October 2017 - Present

Development of recreational bathymetric maps via geospatial and geostatistical analysis. Assistance in raw bathymetric data conversion and processing. Digitizing lake maps of Canada with a variety of GIS tools, GPS, bathymetry, and aerial imagery. Performance in aerial imagery interpretation of lake data and digitization. Collaboration of analytical processes in teams to brainstorm and produce quality merchandise. Additional functions include dense data organization, project detailed organization, and clear effective communication

#### ***GIS Intern*** - May 2017- October 2017

Development of recreational bathymetric maps. Digitization and interpretation of aerial imagery to produce quality and exceptional lake maps. Coordinating teams to communicate effectively for year long project. Data organization and verification for new products and continuing improvements for ongoing projects.

### **Western State Colorado University** - Gunnison, Colorado

#### ***ArcGIS/ArcGIS Online Map Developer*** - Sept-Oct 2016

Geodatabase creation and implementation into Master of Environmental Management website to connect student, faculty, alumni, and program partners worldwide. Personalized attribute information and effective project communication.

## **Education**

### **University Wisconsin-Madison** - Online

M.S. GIS and Web Programming

### **Western State Colorado University** - Gunnison, Colorado

B.S. Geology

Minors: Mathematics & Honors

GPA 3.78

Activities and Involvement:

- ❖ AAPG Student Chapter Geology Club
- ❖ Honors Program Student ADvisory Board
- ❖ Student Ambassador
- ❖ New Student Orientation Leader

Honors and Awards:

- ❖ AIPG Colorado Section Field Camp Scholarship - Jun 2016
  - American Institute of Professional Geologists
- ❖ NAGT Field Camp Scholarship - Jun 2016
  - National Association of Geoscience Teachers
- ❖ L. Austin Weeks Undergraduate Student Scholarship - 2015
  - American Association of Petroleum Geologists

## Technical Skills

### *Advanced Knowledge:*

Mapinfo  
Vertical Mapper  
Global Mapper  
Google Earth  
ArcGIS 10.x  
ArcGIS Online

### *Working Knowledge:*

Postgre SQL  
PgAdmin III  
Adobe Illustrator  
Adobe Photoshop  
SQL  
Python  
HTML  
CSS  
QGIS