

# OWEN HAUGEN

## GIS Analyst

### EXPERIENCE

#### GIS Analyst

**Byers Engineering** 05/2018 - Ongoing Salt Lake City, Utah

- Developed tools and custom scripts to automate daily tasks
- Developed process and procedure documentation for new tasks
- Provided training for incoming GIS technicians
- Worked with engineers and CAD drafters to provide spatially enabled desktop applications

#### GIS Technician

**Byers Engineering** 11/2017 - 05/2018 Salt Lake City, Utah

- Performed manual and created automated quality assurance checks on LIDAR collected data
- Collaborated with peers to prepare, edit, as well as maintain applications used engineering and remote field data collection
- Served as a point of contact for routine analysis requests from the project manager and engineers

#### GIS Technician (Seasonal)

**City of New Richmond** 06/2017 - 09/2017 New Richmond, Wisconsin

- Designed and carried out a detailed tree survey of the City of New Richmond using a Trimble GPS GNSS receiver
- Worked with the city and the WI DNR to develop a long term emerald ash borer plan
- Collaborated with multiple departments to generate and maintain GIS infrastructure

#### GIS Technician (Seasonal)

**City of River Falls** 01/2017 - 06/2017 River Falls, Wisconsin

- Assisted in the management, creation, and mapping of forestry specific data
- Updated existed attribute information creating functional drop down menus for ArcOnline's collector application

#### GIS Technician (Seasonal)

**City of New Richmond** 06/2016 - 09/2016 New Richmond, Wisconsin

- Created a functioning feature locator application, the application functioned as an interactive map and record keeping system for a local cemetery
- Developed a system for updating and maintaining current cemetery records for the City of New Richmond
- Collaborated with multiple departments within the City of New Richmond, performing desired GIS related tasks

### WHO AM I OUTSIDE OF WORK?



Life long learner



Trail runner



Mountain and road cyclist



Downhill and CC skier

### EDUCATION

#### Conservation Science

**University of Wisconsin River Falls**

2012 - 2017 GPA 3.75 / 4.00

- Minor in GIS
- Minor in Biology

### SKILLED WITH

ArcGIS Desktop 10.x

ArcGIS Pro

ArcGIS Online

Workforce for ArcGIS

Python

JavaScript

GIS (open source)

Microsoft Office

Adobe Photoshop

Adobe Illustrator

### GRANT FUNDED PROJCEST /INTERNSHIPS

#### Urban Prairie Vegetation

2016 - 2017 River Falls, Wisconsin

- Received funding to design and carryout a study using prairie vegetation as a method to stabilize slopes beneath a solar panel field while providing habitat for pollinators

#### Ecology Field Data Collection

2015 - 2016 Iowa

- Provided GPS and GIS support for two separate field ecologist, over the course of one summer I was able to map every prairie reserve in Iowa

#### Invasive Species Mapping

2014 - 2015 River Falls, Wisconsin

- Received funding to map the correlation between travel vectors along river ways and the spread of exotic species along the Kinnickinnic River

### VOLUNTEERING

#### Environmental Technician

**USGS/ University of Wisconsin- River Falls**

2016 - 2017

- Conducted Water quality sample collection, processing, and preserving effort at local United States Geological Survey Sites