

# Max Rock

7708 Prospect Ave NE <https://mrock3.github.io/Port/>  
Albuquerque, NM  
87110  
mrock0934@gmail.com  
(715)-370-4700

Dedicated, multifaceted GIS graduate looking to take the data skills obtained from several undergraduate and graduate courses to enter the fields related to GIS or Land Use Planning in Bend, OR.

## EDUCATION

### **University of Wisconsin - Madison , WI** **M.Sc. GIS and Web Map Programming**

January 2021 - Present

GPA 3.7

Professional Program at student's desired pace

### **University of Wisconsin - Milwaukee, WI**

#### **Geographic Information Systems (GIS); minor in Conservation Environmental Science**

September 2018 - Graduation December 2020

- Award Recipient for Best Undergraduate GIS Project 2019
- Student Undergraduate Research Fellow (SURF) 2019 - 2020
- Bachelor of Arts Degree obtained

### **University of Maine - Orono, ME**

#### **Ecology & Environmental Science**

September 2017 - May 2018

- Held executive position in the Maine Outing Club

### **University of Wisconsin - Milwaukee, WI - Conservation Environmental Science**

September 2016 - May 2017

## RELATIVE EXPERIENCE

### **Superior Bio-Conservancy, Milwaukee, WI - GIS and Environmental Research**

October 2019 - Present / Internship (30 hours /wk)

- Strengthened communication abilities by conversing with tribal and USDA representatives
- Gained extensive knowledge in landscape connectivity, preserving landscapes at a regional scale, and ethics involved in designing wildlife corridors using GIS technology
- Networked with landscape and conservation professionals
- Created maps to convey various components involved in landscape connectivity

### **University of Wisconsin, Milwaukee, WI - Student Undergraduate Research Fellow**

December 2020 - July 2020 / Internship (25 hours / wk)

- Worked to evaluate sites using the Beaver Restoration Assessment Tool using imagery in ArcGIS Pro in order to best determine areas of potential beaver habitat
- Worked with LiDAR as an aid in identifying historic beaver colonies
- Efficiently evaluate field sites within the Milwaukee River Watershed using various data layers including wetlands, streams, vegetation cover, prehistoric vegetation cover, and soil composition
- Designed field work and system behind spatially collecting data through ArcGIS Collector

### **Terracon Engineering Consultants - Engineering Technician**

May 2019 - October 2019 / (40+ hrs /wk)

- Gained hands on experience testing concrete, substrate density, generating reports, and analyzing site plans.
- Directly reported to project managers with results of concrete and density testing, rebar testing, and piling blow counts.

## *Technical Skills*

ArcGIS PRO, ArcGIS online,  
ArcMap  
Adobe Creative Cloud  
ArcGIS Maps for Adobe  
Python  
JavaScript, HTML, CSS, SQL  
Leaflet, D3, MapBox