

EDUCATION

UNIVERSITY OF MINNESOTA • MINNEAPOLIS, MN

Masters of Geographic Information Science, *expected May 2016*

- GPA: 3.9

GUSTAVUS ADOLPHUS COLLEGE • ST. PETER, MN

Bachelor of Arts in Geology, *cum laude*

- CO-PRESIDENT OF THE SOCIETY OF GUSTAVUS GEOLOGISTS
- TEACHING ASSISTANT FOR MULTIPLE CLASSES
- SENIOR THESIS TITLED "Sediment Exchange Between A Marsh And An Adjacent Submersed Aquatic Vegetation (SAV) Bed In Chincoteague Bay, MD"

EXPERIENCE

Teaching Assistant, Principles of Cartography

DEPT. OF GEOGRAPHY, UNIVERSITY OF MINNESOTA • MINNEAPOLIS, MN SPRING 2016

- Independently instruct lab exercises, introducing students to technical tools and workflows for cartography using Esri's ArcGIS for Desktop and Adobe Illustrator.
- Assist students with homework and grade all lab assignments.

Graduate Assistant, EarthXplorers

LEARNING TECHNOLOGIES MEDIA LAB, UMN • MINNEAPOLIS, MN FALL 2015 - SPRING 2016

- Write curriculum using ArcGIS Online that focuses on different historical sites chosen by the National Trust for Historic Preservation.
- Ensure that each lesson plan introduces new ArcGIS Online skills while focusing on the preservation of each site.
- Present this project at the 2016 ESRI Education GIS Conference.

General Clerk II

NATURAL RESOURCES CONSERVATION SERVICE • FARMINGTON, MN JAN 2014 – DEC 2015

- Complete the Highly Erodible Land and Wetland Determinations for Dakota, Washington, and Ramsey counties. Catching up on a 4-year backlog during my first year of employment.
- Use ArcGIS Desktop and Toolkit to connect our contracted environmental practices to the tracts of land they are performed on and create maps of these practices.
- Updated filing that has been out of date for 20 years in order to complete determinations accurately.
- Submit necessary forms for contract modifications and payments. Began the upload of documents to our new Data Management System to make these forms more easily accessible to clients and other offices.

Other Experience

- Conservation Corps Crew Member
- Maryland Sea Grant REU Intern

Strengths

- Effective Communication, Writing & Speaking
- Motivated and Hard-working
- Efficient and Organized
- High Quality Customer Service
- Ability to Work Well Independently and in Groups

Skills

- ArcGIS Desktop & Online
- Python Programming
- HTML, CSS, Javascript
- Postgresql / PostGIS
- CartoDB
- Adobe InDesign, Illustrator
- ERDAS Imagine, QT Modeler, eCognition, IDRISI
- Collector for ArcGIS
- Microsoft Office Suite