

Adam Miller

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Education

University of Wisconsin-Madison September 2017-May 2021

- Master of Science - GIS and Web Map Programming

University of Nebraska-Lincoln August 2010-May 2014

- Bachelor of Science (Highest Distinction) – Geography

Work Experience

City of Lincoln – Transportation & Utilities / Information Services, *GIS Analyst* June 2018 – Present

- Write Python scripts to improve efficiency and automate tasks
- Create and deploy web maps using ArcGIS Online and Geocortex
- Automate processes using software like ESRI's GeoEvent Server & Microsoft Power Automate
- Manage Department Enterprise GIS database and related documentation for multiple utilities
- Lead team of GIS Technicians and Interns
- Utilize the Esri Software Platform to create field deployable applications (Collector, Survey123)
- Provide GIS education and assistance within the department
- Communicate with multiple internal customers to improve GIS and other asset management related programs

Lincoln Electric System, *GIS Technician I,II* May 2014 – June 2018

- Updated and published ArcGIS Online services
- Designed and implemented changes to enterprise geodatabase
- Edited electric distribution and transmission network geodatabase, utilizing ArcGIS
- Queried databases for internal data requests
- Created maps for various LES departments and external customers
- Coordinated with customers and contractors through the "Nebraska One-Call" system

HDR-Environmental Sciences Section, *GIS Intern* January 2013 – April 2014

- Created maps with ArcGIS 10.1
- Collected field data for wetland delineations using GPS devices
- Compiled and edited information for NEPA wetland delineation reports

Relevant Skills and Coursework

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|-------------------|---------------------------|------------------------|
| • ArcGIS Desktop | • Spatial Analysis | • GeoEvent Server |
| • ArcGIS Online | • HTML/CSS | • Survey123 |
| • SQL | • Javascript | • Geocortex Essentials |
| • Python | • Esri Collector | • GIS Leadership |
| • Database Design | • Microstation / Auto-CAD | • ArcGIS Pro |

Leadership Experience and Community Activities

Nebraska GIS/LIS Association April 2015 - Present

- Attend bi-annual symposium for education and networking

Lincoln YMCA, *Youth Baseball Coach* May 2016 – July 2017

- Coached and organized a 4th Grade baseball team

Publications

- Miller, Adam; Li, Ruopu. 2014. "A Geospatial Approach for Prioritizing Wind Farm Development in Northeast Nebraska, USA." *ISPRS Int. J. Geo-Inf.* 3, no. 3: 968-979.