

# Laura K. Smith

GIS Professional

## Education

**University of Wisconsin - Madison**  
Masters in GIS and Web Map  
Programming 2021

**Kansas State University**  
B.S. in Geograpy with a Secondary  
Major in Natural resources &  
Envirnmental Sciences 2013

## Skills and Software

### Geographic Software:

ArcMap, ArcPro, ArcOnline,  
CityEngine, QGIS, FME, PODS,  
Collector for ArcGIS, Trimble GPS  
Unit, Pahtfinder, Leaflet, Mapbox,  
D3, Storymaps

### Office Software:

Word, Excel, Powerpoint

### Programming:

Python, CSS, Bootstrap, HTML,  
GDAL/OGR, Java, JavaScript, SQL,  
PostgreSQL/PostGIS, ArcSDE,  
Fullstack Development

### Graphic Design:

Adobe Illistrator, Adobe Photo-  
shop, Adobe Draw

## Contact

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- lauraksmith.github.io/LauraKSmith

## Experience

**Cleveland County Commissioners,** 3/2015 - Current  
GIS Analyst

- Developed the GIS program for the commissioners office.
- Created data dictionaries for utility cataloging using Trimble GPS units.
- Created digital record of county utility assets.
- Analyze constituent calls to 9nd patterns of need in the county.
- Instruct and supervise data collection process for county workers.
- Create and maintain geodatabases for current and historical utility information.
- Facilitate emergency management tabletops for local municipalities.
- Maintain data and correlate with FEMA regarding natural disaster declarations.
- Develop and maintain web maps for constituent use
- Flood plain management.
- Developed web apps for data collection.
- 3D render county developments using CityEngine.

**Vista Technical Services,** 11/2013 - 3/2014  
Environmental Data Specialist

- Created digital maps for the Environmental Restoration Department.
- Database entry and management.
- Analyzed historical documents in order to determine accuracy.
- Georeference historical documents.

**Hal C. Smith and Associates,** 2006 - 2013  
Data Entry/ Office Support/ Field Support

- Processed oil and gas documents for accuracy.
- Research of public records.
- Data Entry using Microsoft Excel.

**Kansas State University,** 2012  
Learning Assistant

- Mentored first year students to make sure they succeed academically.
- Work directly with the professor to create course content.