

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 and Enviornmental Sciences 2013

Skills and Software

Geographic Software:

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

Office Software:

Word, Excel, Powerpoint

Programming:

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

Graphic Design:

Adobe Illistrator, Adobe Photoshop, Adobe Draw, Adobe Lightroom, Adobe Capture

Contact

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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 find 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.

GDH Consulting, 4/2014 - 1/2015
GIS Tech at Devon Energy

- Database entry and management for midstream department.
- Maintained pipeline data.
- Developed region specific digital maps using ESRI software.
- Worked with PODS and FME systems on a regular basis.

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- Analyzed historical documents in order to determine accuracy.
- Georeference historical documents.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.