Laura K. Smith
GIS Professional

Education

University of Wisconsin - Madison
Masters in GIS and Web Map Programming   2020

Kansas State University
B.S. in Geograpy with a Secondary Major in Natural resources and Enviornmental Sciences   2014

Skills and Software

Geographic Software:
ArcMap, ArcPro, ArcOnline, CityEngine, QGIS, FME, PODS, Collector for ArcGIS, Trimble GPS, Pathfinder

Office Software:
Word, Excel, Powerpoint

Programming:
Python, CSS, Bootstrap, HTML, GDAL/OGR

Graphic Design:
Adobe Illistrator, Adobe Photoshop

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 at Tinker AFB
- 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- Analyzed historical documents in order to determine accuracy.
- Georeference historical documents.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.