

Laura K. Smith

Laurakelly.smith23@gmail.com • linkedin.com/in/laurasmith405 • lauraksmith.github.io/LauraKSmith • (405) 388-9295

GIS Professional

Education

University of Wisconsin - Madison

Masters in GIS and Web Map Programming

2021

Kansas State University

B.S. in Geography with a Secondary Major in Natural Resources & Environmental Sciences

2013

Skills & Software

Programming:

Python, CSS, Bootstrap, HTML, GDAL/OGR, D3, Java, JavaScript, SQL, PostgreSQL/PostGIS, ArcSDE, Fullstack Development

Geographic Software:

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

Office Software:

Word, Excel, Powerpoint

Graphic Design:

Adobe Illustrator, Adobe Photoshop, Creative Cloud, Adobe Draw, Icon/logo Design, Fresco, Procreate

Work Experience

Cleveland County Commissioners,

3/2015 - Current

GIS Lead

- Developed the GIS program for the County Commissioner's office
- Successfully lead the 2021 Cleveland County redistricting process
- Worked to update the county website every four years
- Utilize interpersonal skills to bring each county office to the same website
- Implemented Storymaps to communicate with public on topics from severe weather to bond issues
- Implemented GIS in each branch of county government
- Created data dictionaries for utility cataloging using Trimble GPS units
- Created digital record of county utility assets
- Analyze constituent calls to define 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 webmaps for constituent's use
- Flood plain management
- Craft and produce signage for county usage
- Developed web apps for data collection
- 3D render county developments using CityEngine

GDH Consulting,

3/2014 – 2/2015

GIS Tech

- Data entry and management
- Analyzed aerial imagery to plot path of gas pipelines
- Utilized PODS to maintain utility information
- Map creation

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- Analyzed historical documents in order to determine accuracy