LAURA KELLY SMITH

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EDUCATION

<u>University of Wisconsin - Madison</u>   2021
   Master's in Cartography specializing in GIS and Web Map Programming

<u>Kansas State University</u>   2013
   Bachelor of Science in Geography
   Secondary Major in Natural Resources and Environmental Sciences

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SKILL SETS

<u>Skills & Software Programming:</u> Python, CSS, Bootstrap, HTML, GDAL/OGR, D3, Java, JavaScript, SQL, PostgreSQL/PostGIS, ArcSDE, Fullstack Development Geographic Software: ArcMap, ArcPro, ArcOnline, ESRI Enterprise,ESRI Storymaps, ESRI Experience Builder CityEngine, QGIS, FME, PODS, Collector for ArcGIS, Trimble GPS Unit, Pahtfinder, Leaflet, Mapbox

<u>Creative Design:</u> Adobe Illustrator, Adobe Photoshop, Creative Cloud, Adobe Draw, Icon/logo Design, Fresco, Procreate, Watercolor, Textiles

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EMPLOYMENT

<u>Cleveland County, Oklahoma - Full Time - 40hr</u>

GIS Manager - Commissioner's Office   3/15 – 01/23
GIS Administrator - Assessor's Office   01/23 - Current
                                                                                           Norman, OK

- Developed the GIS program for the County Commissioner's office.
- Lead the 2021 Cleveland County redistricting process.
- Maintain county website and data.
- Yearly reviewed county pages with elected officials to keep information current.
- Implemented ESRI Storymaps to communicate with the public on topics from severe weather to bond issues.
- 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 the 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 collaborate with FEMA regarding natural disaster declarations.
- Develop and maintain webmaps for constituent's use.
- Floodplain management.
- Complete all documentation and data submissions needed for the U.S. Census Bureau.
- Developed web apps for data collection.
- 3D render county developments using CityEngine.
- Appointed as a sitting member to the NACo GIS Subcommittee, helping to set national GIS standards for counties in the US.
- Manage parcel boundaries and ownership across the county.

- Created models to analyze soil and landuse data in our county to determine agricultural productivity.
- Created tool to spatially determine zoning codes for unique items.
- Quickly and effectively determined tornado paths in the county, then used parcel information to identify at risk populations, and track damage accrued in the county.
- Created a model to analyze and compare land values assigned for consistency. This information was then turned into a web map so that the evaluation team could check and correct outliers.
- Complete billing and contracts needed for the office.

GDH Consulting - Full Time - 40hr

GIS Tech   04/14 – 01/15
                                                                              Devon Energy, OKC, OK

- Database entry and management for the 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 – Information Technology and Services - Full Time - 40hr

Environmental Data Specialist   11/13 - 03/14
                                                                        Tinker Air Force Base, OK

- Created digital maps for the department using GIS technology.
- Digitized historic documents to help locate pollutants in the water.
- Database entry and management.
- Worked with Tinker Air Force Base's Environmental Restoration department.
- Analyzed historical documents in order to determine accuracy.