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DAKOTA D. DORN

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Summary

Motivated GIS Specialist with seven years of professional data management experience, and ten years of working with related data software. Demonstrated skill in database management, as well as data visualizations. Committed to staying at the forefront of GIS advancements and creating high-quality GIS resources for Fitchburg residents. Continuously looks for ways to save taxpayer dollars by using GIS tools to automate processes and increase staff efficiency. Takes pride in serving the public and knowing that my work directly benefits residents and stakeholders in the local community.

Skills Highlights

- ArcMap 10.8.1/ArcGIS Pro 2.9 and extensions
- ArcGIS Online
- Proficient in Python and SQL
- Experienced using Adobe Illustrator and Photoshop
- Experienced in scientific writing and reports
- Skills in HTML5, Javascript, and CSS
- Microsoft Office Suite
- Website design and updating
- AutoCAD/Civil 3D
- Database management and administration

Experience

City Of Fitchburg | Fitchburg, WI
GIS Specialist/Engineering Technician
05/2017 - Current

- Administers and maintains all aspects of the City's GIS program.
- Created a public-facing online GIS application to give residents easy access to pertinent information such as polling locations, trash pickup days, zoning, and stormwater infrastructure. Worked with numerous departments throughout the City to determine which layers could be made public and which should remain internal for safety, public health, or other reasons.
- Created an internal GIS application for city staff that allows quick access to spatial information specific to their department. This is used daily by our utility staff in the field to locate underground utilities and view record drawings.
- Created an open data website where consultants can download GIS layers, thereby improving staff efficiency by reducing the number of requests that come to staff.
- Worked with the Fire Department to install rescue markers throughout the Quarry Ridge Recreational Area and created a corresponding GIS application which enables park users to accurately describe their location and will improve first responder response time in the event of an emergency.
- Worked with the Planning, Public Works, and Economic Development, Parks, and Finance Departments to create figures and data-driven analytics for use in planning and public meetings.
- Worked with several departments to create mapped activities for residents during COVID, such as a holiday lights tour during the month of December.
- Created a Civic Lookup application that provides address specific elected official information, and will direct residents to their designated polling location.
- Created a program in Python and Microsoft Task Scheduler to automate a backup of our GIS Database weekly.

- Provided a presentation to representatives from local communities throughout Dane County to showcase Fitchburg's application of GIS tools for novel workflows, as well as plans for the future.

Wisconsin Army National Guard | River Falls, WI
Infantryman
11/2011 - 11/2017

- Completed fifteen weeks of basic combat training and advanced individual training at Fort Benning, GA.
- Used geospatial tools and technologies in the field to aid my unit in missions.
- Led diverse training simulations to prepare teams for combat and emergency situations.
- Achieved high marks on evaluations consistently over my 6-year enlistment through outstanding job duty performance, volunteerism and attention to detail in leadership and weapons proficiency.
- Was awarded three Army Achievement Medals for leadership and performing duties above my rank.

City Of Monona | Monona, WI
GIS/Civil Engineering Technician
05/2016 - 05/2017

- Designed an outfall survey and conducted the survey on all of the City's stormwater outfalls.
- Provided mapping and cartographic skills for City maps and visualizations.
- Conducted utility locates to increase the accuracy of the City's GIS utility data layers.

City of Fitchburg | Fitchburg, WI
Parks and Forestry Assistant
05/2016 - 05/2017

- Performed quality assurance and management of the City's expansive tree inventory and datasets.
- Used ESRI's suite of mobile applications to collect and update tree locations and information in the field.
- Conducted a training event for Parks and Streets staff on how to use and employ ESRI's workorder and field editing software.
- Managed and updated the department's web page.
- Engaged in community outreach programs and events as a representative from the Forestry Department.

University of Wisconsin - Eau Claire | Eau Claire, WI
Researcher/Data Analyst
06/2015 - 12/2015

- Conducted admission pattern analysis for the university in partnership with the admissions office.
- Used Microsoft Excel to perform data standardization on large statewide data sets.
- Utilized the ArcGIS Business Analyst extension to extrapolate data and locate patterns.
- Presented my work at a regional conference.

Education

University of Wisconsin - Madison | Madison, WI
Capstone Certificate in Advanced GIS
05/2021

- 4.00 GPA

University of Wisconsin- Eau Claire | Eau Claire, WI
Bachelor of Science in Environmental Geography And GIS
12/2015

- 3.28 GPA
- Cum Laude graduate