Matthew Rodenberger
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Objective Statement:

To become a valuable and productive member of the GIS team while participating in collaborative team efforts to improve services and further my professional skills and abilities.

Relevant Work Experience:

City of Philadelphia, Philadelphia, PA   December 2017-Current
Lead GIS Analyst
- Edit and Maintain City's Next Generation 9-1-1 dataset in a versioned geospatial database
- Utilize multiple city mapping software, applications & tools to verify location and accuracy of city's address point data
- Assist in leading the Department of Record's Parcel Project
    - Develop workflows to correct errors in the parcel dataset
    - Lead two temporary employees in the processes of developing a better parcel dataset for the City
- Assisted with Deed address discrepancies in the Department of Record's parcel database
    - Updated DOR addresses to match the city address standards
    - Identified workflow issues and solutions to mitigate the creation of new errors
- Collaborated with department staff to redesign and update city's Named Places dataset
- Authored a python script to check the accuracy of data entered into the Named Places database
- Maintain feedback application that collects public feedback on location and names of city landmarks
- Present to various entities the details of the Next Generation 9-1-1 work and Landmarks
- Coordinate schema changes to data on Databridge
- Publish, update, and maintain authoritative City datasets on ArcGIS Online
- Create custom embedded web maps on ArcGIS Online for departmental City websites.

County of Montgomery, Norristown, PA   August 2017-December 2017
GIS Cartography Supervisor
- Supervise Board of Assessment mapping team
- Serve on the GIS Steering Committee to further expand and improve the County's GIS abilities
- Work with engineers, attorneys, and home owners to keep the county tax map accurate and up to date
- Review and edit parcel boundaries according to deeds, plans, and the assessors' data

AD Marble, King of Prussia, PA   April 2015-August 2017
GIS Specialist
- Map production involving the combination of Aquatic Resource, Historic Structures, Archaeological Mapping
- Utilized archaeological predictive modeling to determine probability of prehistoric and historic sites
- Implemented the use of ArcGIS Online and ArcGIS Collector App to increase the efficiency of data collection
- Performed wetland and stream delineations in addition to archaeological Phase I Surveys using Trimble GPS Geo 7 series unit
- Initiated and managed GIS mapping for the P3 Bridge Replacement Project
- Reviewed and edited project mapping prior to permit submission for quality control for the P3 Bridge Replacement Project

Related Skills and Qualifications:
- Introduced and educated coworkers concerning new technologies including ArcGIS Online/Collector App, to help facilitate efficient and productive field work
- Advanced knowledge in ESRI Products, Cyclomedia, and Pictomety
- Intermediate knowledge of Python and SQL
- Proficient in GPS Technologies (Pathfinder, Trimble Units) Including collecting field data and processing it
- Familiar with Bentley Microstation (Data conversions- DWG/DGN etc. and using in GIS mapping)
- Well experienced with Microsoft Office Products
- Works well in an interprofessional collaborative team, on an individual basis, and with clients
- Highly motivated to further my professional knowledge and obtain new skills

Education:

University of Wisconsin – Madison   September 2018-Current
Masters in GIS Development and Programming

West Chester University, West Chester, PA   August 2009-December 2013
Bachelor of Science in Liberal Studies – Professional Studies
Minors: Business GIS and Geography and Planning