Zachary Ordo, GISP

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Proficient GIS and IT Leader

Expert-level, certified GIS Professional with 14 years' experience in location information, systems analysis, automation, and systems administration. Skilled in designing and deploying enterprise-level geospatial solutions to equip functional groups, management, and executives with tools and actionable information to support decision-making and enhanced situational awareness. Effective leader who coaches, mentors, and trains others to ensure teams and work are aligned with organizational objectives and to eliminate silos. Proven success record of implementing process improvement initiatives which increase efficiency and stretch budgetary resources.

Core Competencies

- Geographic Information Systems
- Database Design and Administration
- Cross-Functional Collaboration and Team Building

- Coaching, Training, and Mentoring
- Process Improvement
- Systems Integrations
- Dashboards and Reporting

- Enterprise Asset Management
- Strategic Planning
- Subject Matter Expert who Understands Complex Business Requirements

Experience

SENIOR GIS SPECIALIST · TUG HILL OPERATING · SEPT 2017 - PRESENT

Manages GIS for THQ Appalachia, XcL Midstream, and Stone Hill Mineral Holdings business units, leading the team in support of business development, land, engineering, construction, and operations teams by deploying enterprise GIS services and solutions and leading the fulfillment of operational and executive-level mapping, data, and geospatial needs. Oversees the deployment of GIS resources to provide decision support products, increase operational efficiency, and meet company objectives.

- *Manages shared GIS resources; serves as administrator of enterprise databases and geospatial software systems.*
- *Develops web mapping applications and services using Portal for ArcGIS and ArcGIS Server platforms.*
- *Manages database creation, design, administration, and documentation. Trains users on database and system use.*
- *Implements and maintains data models of varying complexities.*
- *Recruits, interviews, trains, and manages team members.*
- *Builds and maintains GIS capabilities and implementation plans within a prescribed budget.*
- *Led the replacement of an aging remote desktop terminal server; led the deployment of Asana for the GIS Team.*
- *Develops change management practices and procedures.*
- *Develops and deploys dashboards using Power BI and ArcGIS Dashboards*
- *Develops ETL processes in FME and ESRI Data Interoperability*
- *Provides asset and workforce management capabilities.*

SENIOR SYSTEMS ANALYST · EQT CORPORATION · 2017

Supported enterprise GIS needs for multiple internal Midstream departments, including troubleshooting and technical support. Managed spatial databases and facilitated user permissions for databases and AD groups. Provided database administration, including the execution of schema changes.

- *Researched, recommended, and justified strategies, systems, and solutions for process improvement. Wrote use and test cases in advance of implementation to prevent disturbances to operations.*
- *Led regular meetings with GIS users across various functions to facilitate open communication regarding issues, departmental and business needs, current and upcoming projects, and best practices.*
- *Enhanced GIS-to-Maximo integration by developing new capabilities and supporting new asset classes.*

GIS ANALYST · EQT GATHERING LLC · 2012 - 2017

Responsible for integrating construction as-built data into the company's APDM data model for pipeline and facility projects. Generated construction as-built maps for all projects for submission to Asset Records. Worked extensively with field redlines, design drawings, construction records, and pipeline test records. Designed, documented, and tested data model changes. Led requirements gathering for process improvements, working with business stakeholders to create business cases, including an overhaul of the GIS As-Built process, review of field data collection processes, review of project documentation, and ensuring GIS data was traceable, verifiable, complete, and relevant.

Volunteer Work

GIS ADMINISTRATOR · MONTOUR TRAIL COUNCIL · 2013 - PRESENT

Implemented ArcGIS Online web maps for the trail's Real Estate Committee. Implemented Land Management Database and Mapping for the Real Estate Committee. Oversaw project working with a college intern to georeference historical railroad valuation maps along the trail corridor.

Credentials and Continuing Education

GISP CERTIFICATION

- *GIS Certification Institute*
- *License: 59154*

CONFERENCES

- *ESRI User Conference: 2016, 2018, 2019*
- *GIS Managers Summit at ESRI UC: 2018*
- *EnerGIS Conference: 2013-2019*

COURSES

- *Introduction to ArcGIS Pipeline Referencing: 2020*
- *ArcGIS Enterprise: Configuring a Base Deployment: 2019*
- *Preparing for Change (ESRI UC Pre-Conference Seminar): 2019*
- *Field Data Collection and Management Using ArcGIS: 2018*
- *Cartography with ESRI Production Mapping: 2015*

Collegiate Education

BACHELOR OF ARTS · MAY 2008
CALIFORNIA UNIVERSITY OF PENNSYLVANIA

- Major: Geography – GIS & Emergency Management
- Minor: Meteorology

ASSOCIATE OF APPLIED SCIENCE · MAY 2016
WESTMORELAND COUNTY COMM. COLLEGE

- Major: Computer Science – Programming for the Enterprise

Technological Expertise

- ESRI ArcGIS Enterprise
- Portal for ArcGIS; ArcGIS Server
- ArcGIS Online
- ArcMap & ArcGIS Pro
- WebApp Builder for ArcGIS
- Geocortex
- FME Workbench
- GitHub
- Microsoft SQL Server Management Studio
- Microsoft Access
- Microsoft Power BI
- Microsoft SharePoint
- Python (including ArcPy)
- C++; Visual Basic