

Title: GIS Technical Specialist

Job Responsibilities: This position will be directly responsible for supporting the GIS group. This individual will act as the technical advisor on GIS. In addition they will provide oversight, coordination, and technical leadership as a power-user and eventual administrator for the GIS users. The successful candidate will have extensive experience in information technology, computer science or engineering with a minimum of 6 years GIS related technology, system administration and project implementation experience with a proven track record.

Job Activities/Functions

- Identifies requirements and implements advanced analytical techniques necessary to solve complex GIS issues
- Develops and modifies GIS software applications and interfaces
- Provides geospatial information management
- Provides technical user support for all aspects of geospatial data and software
- Develops and implements quality control and assurance guidelines for geospatial data
- Works with a diverse group GIS users to gather application requirements to increase productivity and usability
- Identify, categorize and prioritize application issues
- Work cross functionally to track issues and drive them to resolution
- Coordinating with managers and IT staff to identify GIS hardware and processing needs and developing plans for required upgrades
- Promoting and implementing an integrated training program to meet needs and teach skills in the use of GIS software, data acquisition, retrieval, and analysis
- Work with vendors to understand product road maps to develop upgrade strategy
- Gather, integrate and convert data from various sources into ArcGIS databases
- Perform spatial analysis and report out on the quality of GIS data
- Understand GIS workflows and their impact on the database
- Create and develop spatial reports

Qualifications

- Minimum 3 years GIS experience
- 3 years hands-on experience, working with ESRI toolset including ArcMap, ArcCatalog and ArcGIS Server. Overall knowledge and understanding of ArcFM suite
- Advanced knowledge and experience with GIS industry principles, theories and best practices
- Knowledge of utility company functions like Geometric Networks and Linear Referencing
- Experience in large GIS projects
- Ability to create reports or exports using SQL or other GIS tools
- Ability to utilize multiple large GIS datasets with differing formats and coordinates
- Experience with GIS mapping applications used for utility asset management
- Substantial understanding and experience using and manipulating Oracle databases
- Exceptional attention to detail and well developed organizational skills

Desired:

- Bachelor's Degree (in geography, cartography, planning, computer science or related field with an emphasis in GIS/GPS)
- Proficiency with Project Management tools
- Well-developed leadership and project management skills; must be a team player with the ability to navigate large, complex organizations