



City of Maryville

Position Title: GIS Programmer

Position Type: Full-time; Non-Exempt

Minimum Annual Salary: \$56,133 DOE

Benefits: Excellent benefit package includes health, dental and vision insurance, life insurance, retirement pension with Tennessee Consolidated Retirement System, Section 457 plan, Roth IRA, and 24- hour access to onsite fully equipped fitness center. Full- time employees accrue vacation and sick leave bi-weekly upon hire.

Closing Date: Open until Filled. Review of applications upon receipt.

About This Opportunity:

Maintains City of Maryville based maps, converts geographic information into digital data, evaluates programs and systems, analyzes data and related work as apparent or assigned.

Essential Functions:

- Constructs and maintains GIS applications by coordinating and utilizing information from users and with department head and supervisor authorization.
- Communicates with users to identify various program and project needs; develops database tools and web technologies to develop web-based or mobile solutions; monitors and provides support to solution developed.
- Coordinates with users to analyze and evaluate systems and programming specifications; prepares logic flow charts or decision tables as guides to coding of the program.
- Develops tools to increase operational efficiency for desktop, web, and mobile users.
- Develops run scripts run as scheduled tasks that automate repetitive/complex tasks.
- Performs data analysis on spatial and tabular data to produce reports, maps, etc., as requested by management and user departments; maintains spatial databases.
- Assists non-GIS staff with integration and use of geospatial technology in performance of their duties.
- Assists with data and map requests from the public.
- Serves as project manager on a variety of geospatial projects
- Manages and maintains utility geodatabase in support of facility inventory, GASB34 accounting, systems modeling, data security and edit control.
- Works with department staff and other users in the utilization of GIS desktop software and mobile applications.
- Performs GPS field inventories to support creating and maintenance of GIS GeoDatabase.
- Cartographic design and production of maps, visuals, and other information products for print and web-based platforms.

Knowledge, Skills, and Abilities:

- Thorough knowledge of the operation, adjustments, uses, care and capabilities of data processing equipment.
- Thorough knowledge of the methods and practices used in scheduling computer operations, providing required control and security of data input and output.
- Extensive knowledge of esri suite of Software applications and how they integrate with each other.
- Knowledge of the use of AutoCAD.
- Thorough knowledge of GPS fundamentals and skill in the use of GPS technology for data collection.
- Considerable skill in the use of GIS technology to solve more difficult analytical problems.
- Thorough knowledge and skill in operating tabular and graphic display and output devices associated with geographic information systems and other land information systems.
- Thorough knowledge of manual and digital cartographic techniques and standards and traditional map production processes.
- Skill in project management, customer service, and relationship building.
- Ability to develop processing procedures for the performance of information services.
- Ability to comprehend technical specifications for manual, computer-aided/automated cartographic products.
- Ability to perform data analysis on spatial and tabular data to produce maps, reports, and other materials.
- Ability to prepare reports and communicate technical information effectively both orally and in writing.
- Thorough knowledge of the functions and operation of departments.
- Ability to establish and maintain effective working relationships with associates, customers, department heads, and the general public.

Education and Experience:

Bachelor's degree in geography, engineering, planning, or computer science, or related field and considerable experience in geographic information mapping systems, surveying, or equivalent combination of education and experience.

Special Requirements:

Valid driver's license in the State of Tennessee.

Physical Requirements:

This work requires the occasional exertion of up to 25 pounds of force; work frequently sitting, speaking or hearing and using hands to finger, handle or feel and occasionally requires standing, walking, climbing or balancing, stooping, kneeling, crouching or crawling and reaching with hands and arms; work has standard vision requirements; vocal communication is required for expressing or exchanging ideas by means of the spoken word and conveying detailed or important instructions to others accurately, loudly or quickly; hearing is required to perceive information at normal spoken word levels and to receive detailed information through oral communications and/or to make fine distinctions in sound; work requires preparing and analyzing written or computer data, using of measuring devices, operating motor vehicles or equipment and observing general surroundings and activities; work occasionally requires wet, humid conditions (non-weather), exposure to outdoor weather conditions, exposure to extreme cold (non-weather) and exposure to extreme heat (non-weather); work is generally in a quiet location (e.g. library, private offices).

How to Apply:

A City of Maryville employment application is required for consideration. An electronic application is available on our website, Paper applications are available in Human Resources located on the upper level of the Maryville Municipal Building, 400 W. Broadway Ave., Maryville, TN 37801. Please submit your application by email to humanresources@maryville-tn.gov , by fax to 865-273-3434 or in person in Human Resources.

City of Maryville is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status or any other characteristic protected by law.