POSITION: GIS Systems Analyst   **Posting# 3056-1018sr**

UTAH COUNTY OFFICE OF HUMAN RESOURCES MANAGEMENT, 100 East Center, Suite 3800, Provo, UT 84606
Phone: (801) 851-8158 ♦ Fax: (801) 851-8166 ♦ **Email: humanresources@UtahCounty.gov** ♦ http://www.utahcounty.gov/jobs

Due to the volume of applications received, we are unable to provide information on application status by phone or e-mail. All qualified applicants will be considered, but may not necessarily receive an interview. Selected applicants will be contacted by the hiring agency for next steps in the selection process. Applicants who are not selected will not receive notification.

JOB ANNOUNCEMENT

REQUIRED ATTACHMENTS TO APPLICATION:
- **Supplemental Documents**: *Supplemental Questionnaire*
- **College transcripts and/or diploma if related to position - <u>internet printouts & photocopies are acceptable</u>**

STARTING SALARY: Grade 511   Step A – G $2,121.79 - $2,437.58 Biweekly

Salary will be determined upon experience and or education
Plus benefits package - Step increase available after completing probation and annually thereafter.

OPENING DATE: October 12, 2018   **CLOSING DATE: November 12, 2018**

The eligibility list created by this posting may be used to fill current full or part time vacancies and full or part time vacancies and grant funded vacancies that occur within the next two (2) months
For additional information see the job description at - - http://www.utahcounty.gov/jobs

JOB SUMMARY:
Under general supervision of the GIS Manager, independently complete mapping projects; generate, maintain and provide quality control of complex data to be stored in Utah County Government's geographic information system (GIS); and design, develop, maintain and/or program GIS applications. This position may be assigned to provide general or specific GIS support for a county department, function or project.

DUTIES INCLUDE:
Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

1. Design, create, implement, manage, maintain, and document Geographical Information Systems and data using ArcGIS Desktop, ArcGIS Pro, ArcGIS Enterprise Server, ESRI Enterprise Geodatabases, Oracle, and other software that support and enhance Utah County business functions and inform the public.
2. Design and produce maps and other graphic products using GIS, CAD and other programs for county personnel, local, state, and federal agencies and the public.
3. Perform high-level spatial analysis of geographic data sets to respond to requests from county departments, local, state, and federal agencies and the public.
4. Design, develop, maintain and/or program GIS applications and other tools using Python, VB.NET, Javascript, IOS, C#, Swift, SQL, HTML, or other languages or other GIS application development tools such as Spillman RMS and CAD 911 system modules, Collector for ArcGIS, Operational Dashboard for ArcGIS, AppStudio for ArcGIS, Web AppBuilder for ArcGIS to assist county personnel acquire, catalog, normalize, display, analyze and integrate spatial data with other enterprise data to enhance its usefulness and accessibility.
5. Perform highly responsible technical work in systems design and implementation.
6. Perform high-level technical review of geographic information, GIS and 3rd party software to determine accuracy and usability.
7. Provide technical assistance to county departments, other government agencies, and the public in implementing GIS projects including training county employees in GIS procedures and software.
8. Capture data in the field using global positioning system equipment and other means.

Utah County
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9.   Prepare confidential information used by the county including use in civil and criminal litigation.

10.   Prepare conference reports and make technical presentations.

11.   Assist the GIS Manager in other support operations of a multi-department GIS enterprise.

12.   Assist the GIS Manager in establishing long-range direction for GIS in County.

EVALUATION AND SELECTION FACTORS INCLUDE:

Knowledge of ArcGIS Desktop, ArcGIS Pro, ArcGIS Online, ArcGIS Enterprise Server and other related GIS products

Knowledge of civil engineering, public safety 911 systems, cartography, cartographic principles, and surveying techniques

Knowledge of GIS application programming and design tools and ability to produce applications and tools using at least a few of the following: Python, IOS, Android, ArcGIS Runtime SDK's, C#, Javascript, Java, Swift, SQL, VB.Net, Spillman RMS and CAD systems, Collector for ArcGIS, Operations Dashboard for ArcGIS, AppStudio for ArcGIS, Web AppBuilder for ArcGIS

Knowledge of project and employee leadership techniques

Skilled in advanced reading, writing, and math

Ability to maintain cooperative relationships with those contracted in the course of work activities

Ability to create detailed maps

Ability to clearly explain technical information orally and in writing

REQUIREMENTS FOR EMPLOYMENT:

1.   Bachelor's degree in GIS, Geography, or a closely related field.

2.   One (1) year of work experience in GIS application development using Python, VB.NET, Javascript, IOS, C#, Swift, SQL, HTML, or other object-oriented languages and/or other GIS application development tools such as Collector for ArcGIS, Operational Dashboard for ArcGIS, AppStudio for ArcGIS, Web AppBuilder for ArcGIS, or providing GIS support for Spillman Dispatch Systems.

3.   Equivalent combinations of education and experience that include one (1) year of work experience in GIS application may also be considered.

Applicants receiving a conditional offer of employment will be required to submit to a pre-employment drug screen and additional background checks as required.

LICENSURE/CERTIFICATIONS:

1.   Applicants must possess a valid driver's license and obtain a valid State of Utah driver's license within 60 days of employment

2.   Selected applicant may be subject to, and must pass, a background check

EXAMINATION/SELECTION PROCESS: Individuals interested in the position must submit an official Utah County Government application and required attachments to the Utah County Office of Human Resource Management, 100 East Center, Suite 3800, Provo, UT 84606, by 5:00 PM on the closing date.   **NO POSTMARKS OR RESUMES.**   Additional information will not be accepted after the closing date. The Human Resource Department will screen the applications for minimum qualifications. The selection process will consist of a hiring interview, and may include any one, or a combination, of the following examinations: application and/or supplemental review/rating, written examination, performance test and/or oral examination. The Human Resource Department reserves the right to call only the most qualified applicants to any of the examinations.