POSITION: GIS ANALYST/PROGRAMMER   **POSTING# 2038-0318sr**

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

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

STARTING SALARY: Step 53 $2,616.12 bi-weekly, $68,019.12 annually

Plus benefits package - *Step increase available after completing probation and annually thereafter.*

OPENING DATE: March 14, 2018   **CLOSING DATE: Open until filled**

*All applications received by March 28, 2018** will be screened by the HR Office.
Those applicants meeting the specified qualifications will be referred for a hiring interview. The Human Resources Office will continue to consider qualified candidates as needed until the position is filled.

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:
Performs complex technical coordination, program development, and management of GIS projects.

DUTIES INCLUDE:
Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.
Design, implement, manage, maintain, and document Geographical Information Systems using ArcGIS, ArcGIS Server, ArcSDE, Oracle, and other software.
Generate quality standards and maintain overall integrity of the databases.
Use PB, VBA, VB.NET, SQL, HTML, JavaScript, C#, Java, Swift, XAML, Python, and other programming tools to develop and maintain software and project applications for GIS.
Program specific applications and tools for use in entry of geographic information, data analysis, map production, and report production.
Develop new programs and enhance existing programs to meet the needs of various County departments and agencies including the integration of GIS data in enterprise systems.
Perform high-level technical review of geographic information, GIS and 3rd party software to determine accuracy and usability.
Capture data in different formats using global positioning system equipment and other means.
Document applications as they are written and modify existing documentation when needed.
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.
Perform highly responsible technical work in systems design and implementation.
Support operations of a multi department GIS enterprise.
Research and analyze new hardware and software products for County GIS use.

Utah County
HEART of UTAH

Assist management in establishing long-range direction for GIS in County.
Program, install and maintain software programs on personal computers, workstations and servers.
Assist in the hiring and training of personnel within the GIS function.
Respond to and resolve customer complaints and emergency problems relating to the GIS function.
Assist in performing system administrator duties on assigned hardware and software that may include UNIX and Windows 7-10 operating systems.
Adapt and update existing systems to meet user requirements.

EVALUATION AND SELECTION FACTORS INCLUDE:
Knowledge of ArcMap, IOS, Android, ArcGIS Runtime SDK's, C#, Java, Swift, ArcGIS, ArcObjects, SQL, Visual Basic, Internet Map Services, and related GIS products and languages
Knowledge of and proven skill in relational database systems including Access, Oracle and Info with ArcSDE and Spatial
Knowledge of computer operating systems including UNIX, DOS, and Windows 7-10
Knowledge of computer programming and design techniques
Knowledge and skill in maintaining software that may reside on personal computers, workstations, and servers
Knowledge of civil engineering, cartography, cartographic principles, surveying and drafting
Skilled in utilizing geographic information systems
Skilled in reading, writing, and advanced math
Ability to assess priorities of other departments
Ability to maintain cooperative relationships with those contacted in the course of work activities

REQUIREMENTS FOR EMPLOYMENT:
Bachelor degree in Geographic Information Systems, Geography, Planning, Computer Science, or a related field

Four (4) years of computer programming related to GIS

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

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.