

NASA Headquarters

Job Title: **Information Technology Specialist (Data Management)**
Department: **National Aeronautics and Space Administration**
Agency: **Headquarters, NASA**
Job Announcement Number: **HQ14B0052**

SALARY RANGE: \$124,995.00 to \$157,100.00 / Per Year
OPEN PERIOD: Friday, June 27, 2014 to Friday, July 11, 2014
SERIES & GRADE: GS-2210-15
POSITION INFORMATION: Full Time - Permanent
PROMOTION POTENTIAL: 15
DUTY LOCATIONS: 2 vacancies in the following location:
Washington DC, DC
WHO MAY APPLY: This announcement is open to all qualified U.S citizens. This announcement combines a merit promotion and a competitive announcement in one advertisement. Applications will be accepted from status and non-status candidates. Status candidates, including NASA term employees eligible for conversion under the NASA Flexibility Act of 2004, will be considered under merit promotion procedures. Non-status candidates will be considered under competitive procedures.
SECURITY CLEARANCE: Secret
SUPERVISORY STATUS: No
JOB SUMMARY:
[About the Agency](#)

This position is located in the Office of the Chief Information Officer (CIO). The Office of the CIO provides leadership, planning, policy direction, and oversight for the management of NASA information, and all NASA information technology (IT). The incumbent will be responsible for data requirements discovery and definition, design, specifications, development, deployment, and functional operations of integrated collaborative analysis and system interoperability. This position will define and develop Agency-wide strategy for Big Data, and data mining/analytics solutions that can have significant positive impact on NASA missions.

KEY REQUIREMENTS

- A one-year probationary period may be required
- Position subject to pre-employment background investigation
- Successful completion of a security investigation will be required

DUTIES:

Responsible for planning, development, implementation and administration of systems for the acquisition, storage, and retrieval of data. Responsible for the gathering and specification of requirements for NASA data architecture and identification of new NASA data that specialize in handling heterogeneous Agency information resources in a broad enterprise framework utilizing Service-Oriented Architectures. Responsible for analyzing and defining data requirements and specifications; designing, normalizing, developing, and implementing databases; analyzing and planning for anticipated changes in data capacity requirements; developing and administering data standards, policies, and procedures.

Develops or directs the development of open source software and big data projects or systems with national impact. Performs requirements analysis, developing and implementing plans to ensure the project scope and requirements are defined and documented. Performs oversight of data management systems and analysis work.

Conducts conceptual definition studies and analyzes and establishes preliminary design and alternatives for a variety of advanced systems on proposed projects. Provide technical advice in area of specialization both within and outside the organization.

Serves as the agency's expert on oversight of national data management programs with precedent-setting issues. Formulates long-range policies and develops and implements strategies and management guidelines for complex and changing information technology systems. Presents policy project status briefings and recommendations concerning long-range IT plans to top level of management. Presents briefings on IT policy initiatives and project status, standards developed and solutions to critical issues and recommendations concerning long-range IT plans to top levels of management and special interest groups.

Plans, develops and manages data storage and retrieval systems by applying generally accepted data models, standards and processes. Work closely with stakeholders to identify taxonomies and ontologies to support knowledge management systems and clean data in large scale NASA program environments. Maintain currency in emerging technologies critical to the evolution of the Agency enterprise architecture with more efficient and effective standards, infrastructure and applications. Serves as technical liaison between the Contractor and the Contracting Officer by monitoring the Contractor's performance and delivery of the final products and /or services under the contract.

QUALIFICATIONS REQUIRED:

Applicant must have one year of specialized experience equivalent to the next lower grade, which has equipped the applicant with the particular competencies needed to successfully perform the duties of the position described above.

Specialized experience is defined as experience in defining and developing Agency-wide strategy for Big Data mining/analytics solutions; experience in Data Management that include the planning, developing, implementation, and administration of systems for the acquisition, storage, and retrieval of data; experience in conducting studies and investigations of projects relating to systems; and experience in IT policy and planning/guidelines development.

U.S. citizenship is required.

HOW YOU WILL BE EVALUATED:

Announcement will be used for both internal and external applicants.

Internal (Status) candidates will be evaluated as follows:

Resumes will be rated by an automated system (Resumix) that matches the competencies extracted from your resume to the competencies identified by the selecting official for the position. Based on the competencies you match, you are placed in one of three categories identified as 90, 80, or 70 pt. quality categories, which are defined as:

90 pt. Category - Tentative meets (until subsequent confirmation upon referral) the basic qualification requirements identified in the vacancy announcement and has experience in the same or similar job that has demonstrated superior proficiency in the primary requirements of the position.

80 pt. Category - Tentatively meets (until subsequent confirmation upon referral) the basic qualification requirements identified in the vacancy announcement and demonstrates satisfactory proficiency in the primary requirements of the position.

70 pt. Category - Fails to meet criteria described in the 80 pt. category.

Additional application guidance is available in NASA's [Applicant Guide](#).

For the purpose of the Career Transition Assistance Program (CTAP) and the Interagency Career Transition Assistance Program (ICTAP), candidates rated in the top quality category are considered well-qualified.

External (Non-Status) candidates will be evaluated as follows:

Same process as Internal (Status) candidates, with the additional procedures related to Veterans:

The Category Rating Process protects the rights of veterans by placing them ahead of non-preference eligibles within each category. Preference eligibles who meet qualification requirements and have a compensable service-connected disability of at least 10 percent must be listed at the top of the highest quality category, except when the position being filled is scientific or professional at the GS-09 grade level or higher.

BENEFITS:

You can review our benefits at: <http://nasajobs.nasa.gov/benefits/benefits.htm>

OTHER INFORMATION:

Any applicant tentatively selected for this position may be required to undergo a pre-employment background investigation. Individuals who have special priority selection rights under the Agency Career Transition Assistance Program (CTAP) or the Interagency Career Transition Assistance Program (ICTAP) must be well qualified for the position to receive consideration for special priority selection. See 'How You Will Be Evaluated' for definition of well qualified. Federal employees seeking CTAP/ICTAP consideration must indicate their eligibility when applying for a position. The USAJOBS resume asks you to identify your ICTAP eligibility; the NASA Supplemental Information asks you to identify your CTAP eligibility. If you are selected for the position, you must be prepared to submit proof that you meet the requirements for CTAP/ICTAP. This includes a copy of the agency notice, a copy of their most recent Performance Rating and a copy of their most recent SF-50 noting current position, grade level, and duty location. As a condition of employment, male applicants born after December 31, 1959, must certify that they have registered with the Selective Service System, or are exempt from having to do so under the Selective Service Law. In order to receive preference in hiring, you must clearly identify your claim for veterans preference on your resume. NASA's [Applicant Guide](#) provides the information needed to assist you in determining whether or not you can claim 5 or 10 point veterans preference. You should not submit documents to prove your eligibility for veterans preference at this time. However, you must be prepared to submit proof of veterans preference (DD-214, and, if claiming 10-point preference, SF-15 plus proof required by that form) as requested by the Human Resources Office. Veterans preference will only be considered based on what is supported. For instance, if you claim 10-point preference, but are only able to document 5-point preference, you will be considered accordingly. If you fail to provide the required documents within the stated time period, we may withdraw a job offer and/or remove you from further consideration. Your USAJOBS account asks you to assign a name to each of your resumes. When you apply to a NASA position, we will show you the text of the resume you have submitted, but we do not maintain the name you have assigned to that resume. If you wish to keep track of that information, we recommend you make note of it at the time you apply. U.S. citizenship is required. Frequent travel may be required.

Relocation expenses may be paid consistent with NASA's policy.

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HOW TO APPLY:

This vacancy is being filled through NASA STARS, an automated Staffing and Recruitment System. NASA partners with USAJOBS in providing a seamless application process. Before you begin the application process, please read the vacancy announcement carefully and have all required information available. You may begin the process of submitting your resume by clicking on the 'Apply Online' link. In order to be considered, you must submit a resume completed on the USAJOBS site. When completing your USAJOBS resume, please remember that NASA limits resumes to the equivalent of approximately SIX typed pages, or approximately 32,000 characters including spaces. NASA does not accept resumes uploaded to USAJOBS from a second source or documents attached through USAJOBS' document attachment feature. Once you submit your resume to NASA, you will be asked to complete a short series of additional questions. You must finish the entire process in order to have a complete application package and receive consideration. Your answers will not be saved unless you finish the entire application. You may edit a previously-submitted application, if the announcement is still open. If you are unable to apply electronically for this position, submit your resume and supplemental questions to: National Aeronautics and Space Administration (NASA), Resume Operations Center, Mailstop: HS50, Marshall Space Flight Center, AL 35812. DO NOT submit your resume directly to the Center advertising this vacancy. Mailed resumes must be received by the close of business on the closing date of the announcement. Hard copy resumes requirements are provided at: [Hard Copy Resume Requirements](#). If you are a first time applicant, we recommend that you review NASA's [Applicant Guide](#) to ensure that you are providing a complete resume. Failure to submit the supplemental data and a resume that contains all of the required information may result in loss of consideration for positions in which you are interested. All applications must be received no later than

midnight Eastern Time on the closing date of the announcement.

REQUIRED DOCUMENTS:

NASA's application process has been specifically developed to ensure that we only ask you for the information we absolutely need to evaluate your qualifications and eligibility. In order to apply for this position, you only need to submit your resume and answer the screening questions and supplemental information. No additional documentation is accepted at the time of application. (For example you need not submit narrative 'KSA' statements; they are not required and will not be evaluated.) In this way we allow you to focus on preparing a resume that best describes your background and abilities. For assistance in preparing your resume, consult the [Applicant Guide](#). Nothing further is required until requested by the Human Resources Office. At that point, we may ask you to submit documentation to support statements made in your resume. For example, we may ask you to provide academic transcripts or proof of Federal employment status. If you are claiming veterans' preference, we may ask you to submit proof of veterans preference (DD-214, and, if claiming 10-point preference, SF-15 plus proof required by that form). If you fail to provide the required documents within the stated time period, we may withdraw a job offer and/or remove you from further consideration.

AGENCY CONTACT INFO:

Human Resources Management Division, HR Client
Services Branch
Phone: 202-358-0180
Email: HQ-NASAHQ-jobs@mail.nasa.gov

Agency Information:
NASA's Resume Operations Center
Mailstop HS50
Marshall Space Flight Center, AL
35812
US

WHAT TO EXPECT NEXT:

Candidates for NASA positions are evaluated using our automated staffing and recruitment system, NASA STARS, which compares your skills and experience as described in your resume with the requirements of the position. If you are found to be a highly qualified candidate, you will be referred to the selecting official for further consideration. (In some cases, individuals with priority for special consideration must be considered and selected before other candidates.) Whether or not you are contacted for an interview depends upon the location of the position and the judgment of the selecting official. At NASA, we pride ourselves on efficient and timely recruitment actions, and you can normally expect to learn the outcome of the selection process in a fairly short period of time. In addition, to ensure that you can measure progress for yourself, NASA provides you with regularly updated information on the status of the vacancy announcement.

Control Number: 373984600

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