



New York City Employees' Retirement System Job Vacancy Notice **CITYWIDE**

Civil Service Title: Computer Systems Manager, M-2

Salary: \$125,000 - \$135,000 (Annual)

Title Code: 10050

Division: Information Technology

Unit: Data Management

Job Description:

NYCERS IT Division seeks a Data Manager to support its Legacy Replacement Project (LRP) effort, a mission critical transformative project that will ultimately achieve the migration of NYCERS core line-of business mainframe applications to modern technologies. The successful candidate will not only possess strong technical skills in the areas of data quality, data profiling, database management and data migration, but will also be exceptionally "hands on" and able to effectively perform work independently as well as part of a team with both business and technical team members. In this capacity, the Data Manager will:

- Coordinate all Data Analyst work activities including the identification, inventorying, and classification of NYCERS critical data.
- Develop a strategy to clean and maintain production data prior to the migration of data from NYCERS legacy system to the planned Legacy Replacement Project system
- Must have experience normalizing unstructured data and data conversions across different platforms
- Design and build relational databases, often using non-relational sources as a starting point (e.g., VSAM), to support NYCERS data integrity and quality initiatives
- Design and build NYCERS Data Warehouse
- Develop strategies for data acquisitions, archive recovery, and implementation of a database quality and integrity plan
- Fully, clearly and comprehensively documenting all key work and activities
- Manage in a "hands on" fashion, as directed by NYCERS Data Architect, the data quality program and team to achieve NYCERS goals to identify and remediate data prior to data migration
- Execute specific data quality program tasks and technical activities (i.e., ability to successfully execute many technical tasks without delegating to team members)
- Develop and create organization wide data policies, standards, and processes and is responsible for oversight and strategy execution of and data quality framework
- Provide comprehensive support and input to the NYCERS Data Governance process
- Work with data SME's and technical leads in addressing high priority enterprise data problems, recommend solutions and use of industry standards, as appropriate
- Assist with the development of data quality metrics that identify gaps and ensure compliance with standards across the organization
- Work with data SME's to establish data quality rules and definitions consistent with department and organizations strategies
- Work with business users and IT partners to remediate identified gaps using both manual and automated solutions
- Recommends processes to continuously monitor data quality
- Ensures processes are in place to proactively detect, correct, and prevent invalid data values

DATED: 08/08/2019

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NYCERS POSTING NUMBER:
009-20-0008



Primary Responsibilities

- Hands-on knowledge of MS Access, IBM Mainframe, SQL Server, DB2 LUW, IBM DataStage or Informatica ETL
- Prior experience with ETL process involving complex flat files such as VSAM to a RDBMS
- At least 5 years of "hands on" experience working in the area of data architecture (data analyst, data quality lead, DBA, etc.) both OLTP and analytics environment
- Strong SQL skills for identifying, analyzing, and interpreting data
- Prior hands on experience in designing and developing Data Warehouse, Master Data, and Data Integration implementations
- Excellent written and verbal communication skills, including demonstrated proficiency developing exceptional documentation of work efforts
- Demonstrated success working with both business and technical team members and stakeholders, including demonstrated ability to clearly articulate and justify complex technical activities and approaches in business terms
- Demonstrated ability to work collaboratively and effectively in a team environment as well as independently
- Demonstrated proficiency using relational database concepts
- Experience with non-relational database sources and dimensional models
- Demonstrated proficiency with data modeling, design patterns, and object oriented concepts are a plus
- Possesses sound analytical, problem solving, and critical thinking skills
- Assignments may be complex in nature and modifications may be broader than the application itself
- Must have the ability to think creatively and incorporate current technical solutions with the end user in mind
- Ability to plan and organize time to be successful in environment of multiple deadlines and interruptions, including under a structured project management approach
- Ability to work with minimum supervision where required or requested as well as ability to effectively perform work under specific direction

MINIMUM REQUIREMENTS ARE ATTACHED

New York City residency is not required.

NYCERS is an Equal Opportunity Employer

Internal candidates must have been rated a satisfactory or better on their last annual evaluation.

CANDIDATE MUST BE PERMEANT COMPUTER SYSTEMS MANAGER OR REACHABLE ON THE COMPUTER SYSTEMS MANAGER, EXAM NO. 9011 LIST.

TO APPLY FOR CONSIDERATION, PLEASE FORWARD A COVER LETTER INDICATING POSTING NUMBER 009-20-0008 AND A COPY OF A CURRENT RESUME TO:

CITY EMPLOYEES: Employee Self Service (ESS). www.nyc.gov/ess. Search for Job ID#: 404875

ALL OTHER APPLICANTS: www.nyc.gov/careers/search. Search for Job ID#: 404875

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Minimum Qualification Requirements:

1. A master's degree in computer science from an accredited college and three years of progressively more responsible, full-time, satisfactory experience using information technology in computer applications programming, systems programming, computer systems development, data telecommunications, database administration, planning of data/information processing, user services, or area networks at least 18 months of this experience must have been in an administrative, managerial or executive capacity in the areas of computer applications programming, systems programming, computer systems development, data telecommunications, data base administration, or planning of data processing or in the supervision of staff performing these duties; or
2. A baccalaureate degree from an accredited college and four years of experience as described in "1" above; or
3. A four-year high school diploma or its educational equivalent approved by a State's department of education or recognized accrediting organization and six years of experience as described in "1" above; or
4. A satisfactory combination of education and experience equivalent to "1", "2" or "3" above. However, all candidates must have at least a four-year high school diploma or its educational equivalent approved by a State's department of education or recognized accrediting organization and must possess at least three years of experience as described in "1" above, including the 18 months of administrative, managerial, executive or supervisory experience as described in "1" above.

Note: This position is open to qualified persons with a disability who are eligible for the 55-a Program. Please indicate on your resume or cover letter if you would like to be considered for the position under the 55-a Program.

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