

City of New York
Department of Information Technology and Telecommunications
Job Posting Notice

Civil Service Title: Computer Systems Manager	Level: M1
Title Code No: 10050	Salary: \$53,051/\$57,210 - \$120,000
Business Title: MODA Director of Data Strategy	Work Location: Brooklyn, NY
Division/Work Unit: Mayor's Office of Data Analytics	Number of Positions: 1
Job ID: 234365	Hours/Shift: Due to the necessary technical management duties of this position in a 24/7 operation, candidate may be required to be on call and/or work various shifts such as weekends and/or nights/evenings.

Job Description

MODA's work touches virtually every urban issue, including safety, physical infrastructure, economic development, social services, and quality of life. Depending on the needs of the city in different situations, MODA plays the role of strategic advisor, analyst, technical resource, and data evangelist to a host of internal and external clients and partners.

Advanced analytics is impossible without quality data. In partnership with the Department of Information Technology and Telecommunications and Technology and the Mayor's Office of Operation, MODA maintains DataBridge, the citywide data sharing platform. Building on top of the successes of the Data Element Exchange Program and 311 analytics, MODA developed automated data feeds from over 50 source systems belonging to roughly 20 agencies and external organizations. All of this data is warehoused and merged on the geographic information included in the data, and permits the City to perform critical cross-agency analysis.

In addition to our work as an ideas incubator for civic analytics, MODA is responsible for implementing the New York City Open Data Law; the most ambitious and comprehensive open data legislation in the country. MODA works with the Department of Information Technology and Telecommunications (DoITT) to facilitate a more transparent and open government to increase civic engagement. Through New York City's open data policy – a citywide set of standards and guidelines – the City is delivering information through raw data and ensuring that New York City government is increasingly accountable and open for current and future generations. Beyond presenting information to the public, these data sets serve as a rich resource for developers, civic groups, and anyone else to build applications on their own. The creation of new apps using this data fosters innovation and leverages talents across New York City to create solutions to tough problems.

As the leaders of citywide data strategy, MODA develops and implements strategy and processes around data standards, governance, and data sharing. Access to high quality, automated data is critical for MODA analytics and for growing analytics capacity citywide.

The primary role of the Director of Data Strategy will be to ensure that New York City's data is truly an asset.

Key Responsibilities:

- Provide leadership in the management and stewardship of data citywide
- Identify new opportunities and innovative ways to manage and catalog datasets
- Develop, articulate, and fulfill a sustainable long-term data-oriented vision to support MODA's core mission.
- Create reports and recommendations on best practices and data stewardship
- Consult with MODA executive staff and analysts to identify end user needs around data, present new approaches and technologies, and discuss equipment/system changes.
- Recommend long-term, best-in-class architecture or technology that will provide enhanced support across the city
- Provide in-depth technical expertise for both tactical and operational initiatives
- Oversee the execution of enterprise data standards and performance metrics to ensure data delivers value to the office and the City
- Manage special projects and initiatives as identified by the Chief Analytics Officer.

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: The following types of experience are not acceptable: superficial use of preprogrammed software without complex programming, design, implementation or management of the product; use of word processing packages; use of a hand held calculator; primarily the entering or updating of data in a system; the operation of data processing hardware or consoles.

Preferred Skills

The successful candidate must have a broad range of skills, but above all, they must be curious, flexible thinkers who love learning new things and tackling challenges on a daily basis. In addition, the preferred candidate should possess the following:

- Experience with design, development, deployment and support of data warehouses. Hands-on experience with relational database design and implementation is strongly desired;
- Experience developing and maintaining data management policies, procedures, standards and guidelines;
- Strong knowledge of current and emerging technologies, technology directions and strategic application to business needs;
- Substantial interest and curiosity regarding the policy and operations of the City of New York;
- Strong leadership skills and the ability to work effectively with business managers, IT engineering and IT operations staff;
- Ability to balance competing priorities, complex situations and tight deadlines;
- Ability to think outside of the box and develop novel strategies for analysis;
- Ability to distill complex material into actionable recommendations;
- Excellent written and oral communication skills;
- An ideal candidate is energetic and resourceful, organized and results-oriented; a selfstarter and team player;
- Comfortable interfacing with senior management and stakeholders.

To Apply

For City employees, please go to Employee Self Service (ESS), click on Recruiting Activities > Careers, and search for Job ID #234365
For all other applicants, please go to www.nyc.gov/jobs/search and search for Job ID #234365

-or-

If you do not have access to a computer, please mail resume indicating Job ID # to:
Department of Information Technology and Telecommunications (DoITT)
Recruitment Office - 255 Greenwich Street - 9th Floor - New York, NY 10007

SUBMISSION OF A RESUME IS NOT A GUARANTEE THAT YOU WILL RECEIVE AN INTERVIEW
APPOINTMENTS ARE SUBJECT TO OVERSIGHT

Posting Date: March 7, 2016

Post Until: Filled

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