



NEW YORK CITY DEPARTMENT OF EDUCATION  
CITYWIDE VACANCY NOTICE

**CIVIL SERVICE TITLE:**  
Certified Applications Developer (13643)  
Level 3

**FUNCTIONAL TITLE:**  
Data Modeler

**ASSIGNMENT NUMBER:**  
740-08-026

**NUMBER OF POSITIONS AVAILABLE**  
2 positions

**PROGRAM AREA:**  
Division of Instructional & Information  
Technology

**LOCATION:**  
2 MetroTech Center – Suite 3600  
Brooklyn, New York 11201

**SALARY:**  
\$82,666+

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The Office of Data Management/Data Services is responsible for the integration of all student data into the SIF model SQL Server database to be used in all future student systems of the Department of Education as well as translating business needs into a data model that will provide the basis for a solution that closely aligns with business user requirements.

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**JOB DESCRIPTION:**

1. Performs needs assessment, data analysis, data base design, programming, testing, debugging, deployment, implementation and documentation of databases and related applications.
2. Interacts with application developers from High School Scheduling and Transcripts (HSST), Automate The Schools (ATS), eScholar, Special Education Component (SEC) and the Child Assistance Program (CAP) systems to code programs, perform uploads, develop stored procedures of views, update processes for various applications, assist with the maintenance of databases and perform extracts.
3. Provides data to outside entities such as the University Academic Planning Council (UAPC), NYSED, Wireless generation and other Assessments vendors.
4. Assists with data management activities that include the migration of data from existing databases to the SQL database, to ARIS and to the eScholar data warehouse. Migration will occur as needed for new systems development and for the migration of existing systems.
5. Performs data mapping and data conversion and develops business objectives for retrieving data.
6. Defines data into precise data models which specify entities, attributes and relationships between the data.
7. Assists in performing project planning, feasibility studies, cost-benefit analyses, impact analyses, and prioritization for tasks related to the migration of data from existing mainframe and SQL server databases and related applications to the SIF model.
8. Troubleshoots and provides data services and resolves problems arising from the conversion of data from the Student Information System (SIS) to the SIF model.
9. Ensures accuracy and completeness of data backup and recovery and monitors databases for optimal performance, best practices, policies and procedures.

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**MINIMUM REQUIREMENTS**

Microsoft Certified Professional Developer for: Enterprise Applications Developer  
– AND –

1. A baccalaureate degree from an accredited college, and two years of satisfactory full-time (not classroom based) experience in database administration planning, design, configuration, installation, troubleshooting, integration, performance monitoring, maintenance, enhancement, and security management;
- OR**
2. A four-year high school diploma or its educational equivalent and six years of satisfactory full-time (not classroom based) information technology experience of which at least 2 years must have been as described in "1" above;
- OR**
3. A master's degree in computer science or a related field from an accredited college may substitute for one year of experience. However, all candidates must have at least one year of satisfactory full-time (not classroom based) information technology experience as described in "1" above.

In addition to meeting the minimum Qualification Requirements, incumbents may be required to update existing and/or obtain additional professional industry-standard certification(s) for current and future technical environment(s) in which they may be assigned to work, as determined by the employing agency.

**PREFERRED QUALIFICATIONS**

1. Extensive knowledge of and experience with Microsoft Access, VB, Visual Studio 2003, .Net, ASP.Net.
2. Knowledge of Mainframe, ADO.Net, XML, C# Crystal Reports and Internet Security protocols.
3. Excellent written and verbal communication skills.
4. Ability to exercise independent judgment, creative problem-solving techniques, and to work in a team environment.

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To apply for this assignment, send resume to:

New York City Department of Education  
Division of Instructional & Information Technology  
Re: Data Modeler  
2 MetroTech Center – Suite 3600  
Brooklyn, New York 11201  
Attention: Carolyn Gardener  
OR by e-mail to:  
[DataModeler@schools.nyc.gov](mailto:DataModeler@schools.nyc.gov)

Applications must be received by July 18, 2008.

Quote assignment number and day-evening phone numbers on the top right corner of your resume. Only applicants scheduled for interviews will be contacted.

The New York City Department of Education is a Workforce Diversity/Equal Opportunity Employer