

Wayne-Finger Lakes BOCES – Vacancy

Salary range: \$65,000-\$75,000/yr.

Candidate will be initially appointed on a provisional basis pending a civil service exam to be held later. To gain permanent status, the candidate must apply for the next exam and be successful according to the Rule of Three.

DATA INTEGRATION SPECIALIST

MINIMUM QUALIFICATIONS: Either:

1. Possession of a Bachelor's Degree, or higher, in Computer Science, Data Science, Data Engineering, Database Management, Mathematics, Engineering, Information Management or a closely related field;
2. Possession of an Associate's Degree in Computer Science, Data Science, Data Engineering, Database Management, Mathematics, Engineering, Information Management or a closely related field AND two (2) years of full-time paid work experience, or its part-time equivalent, using computerized datasets;
OR
3. Graduation from high school or possession of a high school equivalency diploma AND four (4) years of full-time paid work experience, or its part-time equivalent, using computerized datasets.

SPECIAL NOTE: EDUCATION: Your degree must have been awarded by a college or university accredited by a regional, national, or specialized agency recognized as an accrediting agency by the U.S. Department of Education/U.S. Secretary of Education. If your degree was awarded by an educational institution outside the United States and its territories, you must provide independent verification of equivalency. A list of acceptable companies who provide this service can be found on the Internet at <http://www.cs.ny.gov/jobseeker/degrees.cfm>. You must pay the required evaluation fee.

DISTINGUISHING FEATURES OF THE CLASS: The Data Integration Specialist performs activities related to integration of data and systems to build and maintain data operations that ingest, transform and provide data across various sources. Work is performed under the general supervision of higher-level administrator with leeway allowed for the use of independent judgment in carrying out the details of the work. Does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative only)

Defines and implements the data integration architecture to address Information Technology (IT) and business objectives;

Manages data integration best practices;

Plans, executes, and manages the integration of data across the data assets;

Works with IT and data management teams to understand data needs and develop solutions;

Develops standards, designs, data maps;

Develops and modifies functions, programs, routines, and stored procedures to export, transform and load data;

Collaborates with IT to design and model application data structures, storage and integration in accordance with enterprise-wide architecture standards across legacy, web, and cloud and purchased package environments;

Develops and executes test plans and scenarios including data design, tool design, data extract/transform, networks and hardware;

Supports data architecture solutions to meet technical and business requirements;

Assists with data warehouse initiatives;

Ensures appropriate capture and retention and metadata management of data;

Supports all processes to transform, consolidate and analyze structured and unstructured data;

Follow procedures to ensure the quality, completeness, security, privacy, and integrity of data throughout the data lifecycle;

Documents and maintains code using control software;

Writes and maintains SQL code the ETL, reports and other needs, working with a higher-level Administrator;

Continued on Page 2

DATA INTEGRATION SPECIALIST

TYPICAL WORK ACTIVITIES: (Illustrative only) (Continued)

Contributes to the strategy and architecture for managing the enterprise's data;
Provides technical support in development and execution of data extraction, transformation, and load activities;
Participates in the collection, tabulation, and analysis of statistical and financial data;
Prepares reports and the maintenance of records;
Reads incoming mail and answers general correspondence;
May interview applicants for works and advises superiors on hiring and related personnel matters;
Orients and trains new employees;
Confers with superior on departmental policy and operation;
Schedules meetings for entire department personnel;
Performs related work necessary for the efficient execution of administrative functions of the department.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of data engineering principles and processes;
Good knowledge of SQL query and data transformation skills;
Good knowledge of SQL Server Management Studio and SQL Server integration services;
Working knowledge and skills in research and program evaluation design;
Knowledge of API scripting languages such as Python or Java;
Knowledge of API troubleshooting tools;
Knowledge of cloud computing ecosystem;
Strong analytical, problem solving, and communication skills, including mapping of business needs or issues to technical solutions;
Ability to communicate technical nuances in plain language with partners of varying technical backgrounds;
Ability to solve problems and demonstrate critical thinking skills.
Ability to work independently and as part of team.
Ability to debug software.
Advanced skills in Microsoft Office programs, including Excel.
Ability to manage and support automated ETL and data synchronization.
Ability to use good judgment and focus on detail as required.
Ability to effectively communicate in English both orally and in writing; organizational ability;
Good judgement;
Physical condition commensurate with the demands of the position.

APPROVED: AUGUST 20, 2025

CIVIL SERVICE CLASSIFICATION: COMPETITIVE

JURISDICTION: WAYNE-FINGER LAKES BOCES

ONTARIO COUNTY DEPARTMENT OF HUMAN RESOURCES