

Watershed Agricultural Council

Agriculture ♦ Forestry ♦ Conservation Easements ♦ Economic Viability

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nycwatershed.org



Database/GIS Specialist Administrative Exempt Employee

The WAC Database/GIS Specialist will be responsible for managing all programmatic spatial and tabular data of the Watershed Agricultural Council.

Education and Experience Requirements:

- Bachelor's degree in Computer Science, Information Systems or a related field or equivalent experience.
- One or more years significant experience SQL programming in a relational database environment. Microsoft SQL Server 2012 or newer experience a plus.
- Basic relational database administration such as creating tables and views, setting up users, implementing role based security.
- Basic web based report writing in relational database environment.
- Software development with an object oriented programming language and visual IDE. C#, ASP.NET experience a plus.
- Experience using Microsoft relational database and programming tools such as: Visual Studio, SQL Server Management Studio (SSMS), SQL Server Report Studio (SSRS) a plus.
- Basic knowledge of Geographic Information Systems a plus.
- Must have a valid and current driver's license.
- Other skills/responsibilities attached

Duties and Responsibilities:

- Assist the Database Administrator in supporting existing:
 - Relational database
 - ASP.NET Web Forms web based applications
 - SSRS reporting system
 - T-SQL scripts and database objects
- Assist the GIS Coordinator with database tasks

Mandatory skills:

- Ability to create and manage relational database objects using Data Definition Language (DDL) programming.
- Ability to develop and maintain SQL scripts, stored procedures, scalar and table functions, views and triggers.
- Ability to extract business data from the relational database with SQL including Joins, Unions, Intersections and other SQL language constructs.
- Ability to work with system users to understand and trouble shoot issues with existing systems.

Reporting Relationships:

- Work under the direct supervision of the Database Administrator.