



INFORMATION TECHNOLOGY SPEC (Data Engineer)

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Job ID

10173

Location

1100 4th Street, SW

Full/Part Time

Full-Time

Regular/Temporary

Regular

Date Opened

03/04/2020

Area of Consideration

Open to Public

Grade

13

Type of Appointment

Career Service - Reg Appt

Minimum Rate

\$87,703.00

Target Openings

1

Date Closed

03/14/2020

Agency

CR

Consumer & Regulatory Affairs

Department

CR10000000

Office of the Director

Bargaining Unit

CH11

Maximum Rate

\$113,002.00

Available Openings

1

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Job Summary

This position is located in the Department of Consumer & Regulatory Affairs, Office of the Director, Agency Performance Office. The incumbent serves as Data Engineer responsible for transforming the agency's data into a format that can be easily analyzed and digested. The incumbent works closely with application developer(s), program/business analyst(s), business intelligence analyst(s), and data scientist(s) providing analytical analyses on key performance metrics, programs and other agency policy initiatives.

Duties and Responsibilities

Analyzes and defines data requirements and specifications. Creates and optimizes data pipeline architecture for the agency. Compiles large and complex datasets based on business requirements. Identifies, designs, and implements internal data processing improvements; optimizes delivery of data by automating manual processes. Acquires data from primary and secondary data sources and maintains data systems and reports. Performs both high and granular-level reviews of business-related data to ensure accuracy. Interprets data and analyzes results using statistical techniques. Develops and implements systems that provide data required for strategic planning and performance evaluation. Supports and participates in the implementation of new technological products that require data collection processes.

Qualifications and Education

Degree in computer science, engineering, information science, information systems management, mathematics, operations research, statistics, or technology management **or** degree that provided a minimum of 24 semester hours in one or more of the fields identified above and required the development or adaptation of applications, systems or networks. Individuals must have IT-related experience demonstrating each of the four competencies listed below:

1. **Attention to Detail** - Is thorough when performing work and conscientious about attending to detail.
2. **Customer Service** - Works with clients and customers.
3. **Oral Communication** - Expresses information to individuals or groups effectively.
4. **Problem Solving** - Identifies problems; determines accuracy and relevance of information.

Individuals must have at least one (1) year of specialized experience equivalent to at least the grade 12 level. Specialized experience is work which is directly related to the position which has equipped the individual with the knowledge, skill and abilities to successfully perform the duties of the position to include experience/work with data mining; SQL and other data base programming languages; data collection processes; experience in segmentation techniques, data models and/or similar work experiences. Experience in SAS and/or Tableau preferred. Knowledge of programming (XML, JavaScript, or ETL frameworks is required.

Licenses and Certifications

None.

Working Conditions/Environment

The work is performed in the normal office settings.

Other Significant Facts

Multiple selections may be made on this posting.

Tour of Duty: Monday - Friday 8:15am - 4:45pm

Pay Plan, Series and Grade: CS-2210-13

Promotion Potential: None

Duration of Appointment: Career Service- Regular Appointment

Collective Bargaining Unit (Union): This position is not covered under a collective bargaining unit.

Position Designation: The incumbents of this position will be subject to enhanced suitability screening pursuant to Chapter 4 of DC personnel regulations, Suitability. This position is designated as security sensitive.

EEO Statement: The District of Columbia Government is an Equal Opportunity Employer. All qualified candidates will receive consideration without regard to race, color, religion, national origin,

sex, age, marital status, personal appearance, sexual orientation, family responsibilities, matriculation, physical handicap, or political affiliation.

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