

System Analyst - GIS (Up to 15 Months)



Job Title:
System Analyst - GIS (Up to 15 Months)

Job Number:
J0421-0622

Job Code:
NU024

Job Category:
Information Services & Technology

Department:
Information Systems & Technology

Bargaining Unit:
Non-Union

Job Type:
Temporary Full Time

Employment Type:
Replacement

Number of Positions:
1

Contract Duration :
Up to 15 Months

Hours of Work:
35 hrs/wk

Date Posted:
September 3, 2021

Closing Date:
September 18, 2021

Opening Statement

We acknowledge that the City of Kingston is situated on traditional Anishinabek (Ah-nish-in-ah-bay), Haudenosaunee (Ho-den-o-show-nee) and Huron-Wendat (huron-wen-dat) territory and is the home of many Indigenous peoples. We are grateful to reside and work on this land.

Kingston is a smart, livable city in the heart of eastern Ontario. Its stable and diversified economy includes global corporations, innovative start-ups and all levels of government. Kingstonians enjoy a high quality of life with access to world-class education and research institutions, advanced healthcare facilities, affordable living and vibrant entertainment and tourism activities.

We take our core values of Trust, Respect, Integrity and Pride seriously and apply these standards to everything we do. We foster a working environment that reflects our community's diversity and respects people's dignity, ideas and beliefs. The City of Kingston views diversity as its strength and encourages people from all backgrounds, including but not limited to women, racialized groups, Indigenous peoples, Persons with Disabilities and persons who identify as members LGBTQ+ communities, to apply.

Position Summary

The GIS Systems Analyst uses geo-spatial data, information and technology to take business improvement opportunities from inception through to realization.

Activities include developing, maintaining and supporting corporate and internal GIS systems and web applications, business analysis and modeling of end to end geo-spatial business processes. This position collaborates with teams in designing, developing, maintaining and enhancing GIS technology and platform solutions. The GIS Systems Analyst participates in the development of system requirements/specifications and solution design and delivery (typically by leveraging commercial off the shelf software). This role focuses primarily on internal applications and projects ranging from small departmental system extensions through to large corporate process re-engineering implementations. The GIS Systems Analyst also provides support for existing applications including upgrades and assists administrators with configuration and testing.

KEY RESPONSIBILITIES

Identify and document geo-spatial business requirements, create system design and functional specifications, and review/recommend new software solutions

Design, implement, document, and maintain geo-spatial data and geographic information systems and platform integration strategies

Provide technical support and expertise to internal staff and the general public on matters related to mapping applications, and resolve escalated help desk requests

Responsible for system configuration, applications support, application development, scripts and workflow tools, and automated reports

Ensure data integrity is maintained on mapping applications

Plan, monitor, and control projects to ensure effective solution delivery and appropriate resource management

Liaise with departments to fully understand their project needs and recommend the data schema, workflow and expected outcomes

Conduct ongoing technical research of new and existing systems and processes to determine feasibility, compatibility, and value proposition for new and upgraded systems implementations

Prepare maps, charts, diagrams, technical documents, user guides etc. Support clients in understanding geo-spatial data and GIS work flows, procedures, scope and the objectives of new automated system(s)

Provide business users with assistance and advice on the effective use of geospatial data, mapping applications and GIS technology

Provide support for existing applications and upgrades, troubleshoot software issues, repair, setup, and identify modifications to meet changing user requirements

Ensure GIS change requests align with business objectives and are in compliance with change control processes.

Qualifications, Competencies

3 year diploma or degree in Geosciences, Geomatics, Computer Science or related field

3 years' experience in a GIS systems environment and/or information technology

Experience coordinating projects with a focus on integration of geospatial data and information between various work segments involved throughout the design, construction and maintenance lifecycle

Extensive experience working within the Esri Platform suite including ArcGIS Desktop, ArcGIS Pro, ArcGIS Server/Enterprise, ArcGIS Online as well as other products, extensions, and solutions

Experience with integration patterns and standards such as web services, REST/SOAP, data exchange and interoperability concepts

Experience with relational databases (Oracle, MS-SQL) and modern programming languages/tools (such as SQL, Crystal reports, SQR, Visual Basic, Java, Python, and FME)

Experience with "web-ready" data formats and systems, including JSON, KML/XML, RSS

Knowledge and experience applying systems development methodologies and business/systems analysis (including process and data modeling, design and development strategies and best practices)

Experience developing and implementing standards, procedures and guidelines to support methods, operational processes

Must demonstrate corporate competencies: Customer Focus, Results Orientation, Integrity, and Teamwork

Skills, Abilities, Work Demands

Excellent analytical, problem solving and critical thinking skills;

Strong project management skills including knowledge of project management principles, practices, techniques and tools;

Strong organizational skills with the ability to prioritize work in a demanding environment;

Strong customer relationship management skills;

Strong verbal and written communication skills;

Ability to work effectively independently and as a team member;

Ability to deal with stressful situations with professionalism and to periodically work overtime and outside normal business hours;

Must obtain and maintain a satisfactory criminal record check, at candidates' expense.

Closing Statement

Please apply to Career Opportunities at: www.cityofkingston.ca/Careers

Please inform us of any accommodations we need to make to ensure a barrier-free recruitment experience. Accommodations are available in accordance with the Ontario Human Rights Code (OHRC) and Accessibility for Ontarians with Disabilities Act (AODA) at any stage in the recruitment process. We're happy to provide more information if you email us at HRCity@cityofkingston.ca

Your resumé must demonstrate how you meet position requirements. Please upload to your profile any educational Degrees, Diplomas and/or Certificates that are relevant and required for the position. We thank all who apply, however, only those selected for further consideration will be contacted. Information collected will be handled in accordance with the Municipal Freedom of Information and Protection of Privacy Act.

Please ensure to check any spam or junk folders for any emails coming from a City of Kingston account.

Are you interested in this job?

I am Interested



where history and innovation thrive
© 2020 The Corporation of the City of Kingston
216 Ontario Street, Kingston, Ontario, Canada, K7L 2Z3