



SQUAMISH

HARDWIRED *for* ADVENTURE

The District of Squamish is located in the unceded traditional territory of the Skwxwú7mesh Úxwumixw (Squamish Nation). We offer gratitude to the Skwxwú7mesh People who have lived on these lands since time immemorial.

Data Analyst

Regular Full-Time

The District of Squamish is seeking a talented Data Analyst to join our dynamic GIS and Data Services team. In this lead role, you will develop innovative data-driven solutions to complex business challenges, fostering a thriving and connected community.

As a key member of the District's cross functional teams, you will safeguard the integrity and security of critical information technology systems. The successful candidate will have sound knowledge of data analytics, spatial analysis techniques, and experience with Esri solutions. They will also have excellent communication and customer service skills.

Key Responsibilities include:

- Collaborate with cross-functional teams to translate business needs into data-powered solutions.
- Design and build end-to-end data pipelines, workflows, and applications to streamline data management, integration, analysis, and visualization.
- Support the implementation and ongoing growth of the District's Asset Management system, ensuring accurate data collection and management.
- Conduct advanced data analysis using GIS tools and software to extract meaningful insights and inform decision-making.
- Stay up-to-date on the latest data technologies, programming frameworks, and industry best practices.
- Identify and propose innovative approaches to enhance IT capabilities and data analysis workflows.
- Develop and maintain data quality standards and procedures.

Who you are: Our ideal candidate will have completed a 2-year accredited technical diploma program in Computer Science or a related field, an advanced diploma in Geographic Information Systems and a minimum of 2 years of directly related work experience or a Bachelor's degree in Computer Science, Geographic Information Systems, or a directly related field from a recognized institution and a minimum of 2 years of directly related work experience.

Who we are: The District of Squamish is a progressive and growing community. Our friendly, small-town setting, spectacular natural environment, thriving arts, culture and heritage scene and world-class recreational opportunities offer an incredible live-work-play lifestyle that few places can beat.

We are a team of fun-loving yet highly dedicated and hardworking professionals who are committed to continuous learning, improvement, and excellence in service to our citizens - and so is our ideal candidate.

Think you would be the perfect fit? Then come and Deliver Outstanding Service at the District of Squamish! On top of our hourly rate - \$42.18 this position is also eligible for comprehensive benefits, paid vacation and one of Canada's top pension plans – the Municipal Pension Plan after 455 hours worked. This position is also eligible for a compressed work week which allows for an earned day off every second week.

We can't wait to hear from you! A complete job advertisement can be viewed below.



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This is a Union position within the Collective Agreement of CUPE Local 2269 and the District of Squamish.

If you have any questions that aren't answered there, please reach out to our friendly HR team at the contact email below.

Please submit your cover letter and resume quoting competition #24-90

Human Resources
District of Squamish
37955 Second Avenue, P.O. Box 310
Squamish, BC V8B 0A3
E-mail: jobs@squamish.ca

Application deadline: August 2, 2024

As an equitable and inclusive employer, we value diversity of people to best represent the community we serve and provide excellent services to our citizens. We strive to attract and retain passionate and talented individuals of all backgrounds, demographics, and life experiences. If you require any adjustments to enable participation at any stage of the recruitment process, please contact in confidence jobs@squamish.ca and include "Accessibility" in the subject line. We thank all applicants for applying.



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External Job Posting

Position:	Data Analyst
Status:	Regular Full-Time
Work Area:	Information Technology
Posting Date:	July 2, 2024
Closing Date:	August 2, 2024

GENERAL SUMMARY

Under the general supervision and direction of the Manager of GIS and Data Services, the Data Analyst takes a lead role in the planning, analysis, design, development, testing, implementation, and maintenance of systems and software solutions for the District with a special focus on data. Working as a key member of cross functional teams, this position develops data-oriented solutions to complex business needs, while safeguarding the integrity and security of critical information technology systems.

KEY RESPONSIBILITIES

- Contributes to the success of our team and creation of our thriving community, by fostering the District of Squamish corporate values: Respect, Integrity, Connection and Progress.
- Collaborates with cross-functional teams to understand business requirements and translate them into scalable and robust solutions.
- Designs and builds end-to-end data pipelines, workflows, and applications to enable efficient data management, integration, analysis, and visualization.
- Works with other IT teams to develop and maintain internal and public facing business solutions, ensuring reliable service delivery, security, and performance.
- Supports the District's Asset Management system implementation and ongoing system growth and support, ensuring required data is collected, managed and maintained to a high standard.
- Researches, evaluates and recommends technology stacks, tools, and frameworks for implementation.
- Supports the integration of data between enterprise systems and platforms, ensuring seamless interoperability and data exchange.
- Acquires, processes, and manages data from various sources, ensuring accuracy, quality, and integrity.
- Performs advanced data analysis using GIS software and tools to derive actionable insights and support decision-making processes.
- Applies data analysis, modeling, and visualization techniques to uncover patterns, trends, and correlations between datasets.
- Implements data modeling and simulation techniques to support scenario planning and predictive analytics.
- Stays up to date with the latest data technologies, programming frameworks, and industry best practices.
- Identifies and proposes innovative approaches, tools, and methodologies to enhance IT capabilities, data analysis workflows, and application development processes.
- Develops work procedures and standards related to data collection and management.
- Proactively explores new data sources and emerging geospatial technologies to drive innovation and improve efficiency.

REQUIRED KNOWLEDGE, SKILLS & ABILITIES

- Sound knowledge of geographic information systems concepts, data types, spatial analysis techniques, utilizing the full Esri platform of software, tools and technology.
- Proficiency in relational and spatial databases, including data modeling, SQL, and administration.
- Understanding of at least one programming language for geospatial data manipulation, workflow development, and customization.
- Understanding of Extract, Transform, and Load (ETL) concepts, business process automation, and data conversion techniques.
- Knowledge of system architecture principles, data integration, and cloud-based solutions.
- Familiarity with software design patterns, development cycles, and testing practices.



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- Skilled in troubleshooting technical issues, resolving data quality problems with attention to detail, and a focus on optimizing business workflows.
- Skilled in designing solutions, workflows, and applications that align with business needs.
- Excellent communication (verbal and written), interpersonal and customer service skills.
- Ensuring data accuracy, consistency, integrity, and adherence to standards.
- Advanced skills in the use of report writers and data extraction tools.
- Ability to research, evaluate, recommend, and communicate suitable tools, technologies, and frameworks to both technical and non-technical staff.
- Ability to analyze complex geospatial datasets, identify patterns, and derive insights for decision-making.
- Advanced ability to work with complex data sets from various sources and in a variety of formats, and to analyze and interpret statistical and transactional data.

REQUIRED TRAINING, EDUCATION AND EXPERIENCE

- Bondable
- Completion of a two-year accredited technical diploma program in Computer Science or a related field
- Advanced diploma in Geographic Information Systems
- A minimum of two (2) years of directly related work experience

OR

- Bachelor's degree in Computer Science, Geographic Information Systems, or a directly related field from a recognized institution, plus a minimum of two (2) years directly related work experience

OR

- An equivalent combination of education, training and experience

Disclaimer:

The above statements are intended to describe the general nature and level of work being performed by people assigned to this position. This is a general list of responsibilities, duties and skills required of personnel so classified. Other related duties may be assigned in keeping with the general nature of the position.

Hours of Work: 70 hours bi-weekly. Fortnight schedule. Current shifts (subject to change) range between the hours of 8:00am to 5:00pm, Monday to Friday.

Salary: \$42.18 per hour

This is a Union position within the Collective Agreement of CUPE Local 2269 and the District of Squamish.

Direct Your Application (Quoting Competition #) To: #24-90

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