

Job Posting / Geomatics Analyst - AI Focus

Company: KBM Geomatics

Location: Thunder Bay, ON

Position: Geomatics Analyst - AI Focus

Type: Full-time; Contract; New Position

KBM is an independently-owned natural resources consulting firm offering a range of services in both the private and public sectors. Since 1974 we have been headquartered in Thunder Bay, ON along the north shore of Lake Superior. In 2011, KBM opened an office in Prince Albert, SK and in 2024 we opened two additional office locations in Yellowknife, NWT and Fredericton, NB. All locations attract outdoor enthusiasts to explore the endless networks of parks, trails, rivers, and lakes.

KBM operates three tightly integrated business units: KBM Aviation, KBM Geomatics and KBM Field Services in addition to operating KBM Outdoors (and outdoor equipment and supplies retail store). KBM's Field Services division has an operational territory that spans across Canada with most work occurring Ontario, Manitoba, and Saskatchewan. KBM provides a flexible, dynamic, and challenging work environment with opportunities to further your skills in a team-based atmosphere. Additionally, we offer competitive compensation and opportunities for growth within the company.

Job Description

A core part of our business is our aerial survey and geomatics divisions, where the successful candidate will join our team to support aerial survey data-processing, mapping, and delivery of spatial information with a specific focus on AI integration. Our projects service clients in mining, forestry, and utilities to help with exploration, planning, and asset management applications. We work with private companies, all levels of government and First Nations, and NGOs to provide practical and technical expertise for data collection, processing and analysis, interpretation, and delivery.

Key Responsibilities:

- Learn and document existing GIS, geomatics, and spatial analysis workflows.
- Identify opportunities to automate repetitive tasks and improve operational efficiency.
- Develop and implement AI, machine learning, and geospatial automation solutions.
- Support the creation of scalable products and services that can be deployed across multiple clients.
- Work with GIS analysts and project managers to streamline data processing and quality assurance workflows.

- Help establish best practices for responsible and effective use of AI within the organization.

Growth and Innovation

- Contribute to the expansion of the company's service offerings by enabling greater efficiency and scalability.
- Help position the company to hire more staff, serve more clients, manage larger datasets, and undertake more complex projects.
- Support a business strategy where automation and AI augment staff capabilities, create new service opportunities, and drive future job growth across the organization.

Qualifications:

- Working knowledge of AI, machine learning, and geospatial automation solutions.
- Working knowledge of GPS data collection and post-processing is an asset
- Familiarity in Esri, Inpho or Terrasolid software suites an asset
- Effective verbal and written communication skills
- Ability to work in a team and independently
- Superior organization skills and demonstrated ability to meet deadlines
- Advanced diploma or degree in AI and GIS/Remote Sensing or equivalent

What We Offer:

- Competitive salary and benefits package.
- Opportunities for professional development and career growth.
- A collaborative and supportive work environment.
- Involvement in meaningful projects that make a positive impact on the environment.
- Salary range of \$50,000 – \$70,000 annually dependent on experience.

How to Apply

To express interest in this opportunity, please forward a **cover letter** and **resume** to Shawn Mizon (smizon@kbm.ca) and Chrystal McKay (cmckay@kbm.ca) with the subject line “Geomatics Analyst - AI”. We appreciate the interest of all applicants, however only those selected for an interview will be contacted.

This opportunity is proudly supported by Northern Ontario Heritage Fund Corporation and is funded through the Workforce Development Program. Eligibility requirements of the program can be found here: <https://nohfc.ca/en/pages/programs/people-talent-program/workforce-development-stream>



Contact Information

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