Job Title: Supply Chain Process Analyst: Logistics Analytics Manager

Company Operating Name: HabitatSeven Inc.

Business Address: 159 Murray Street, Suite 208, Ottawa, Ontario, K1N 5M7

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Company information

HabitatSeven is a user-centric web design and data infrastructure firm focused on issues of sustainability and climate change. We help the world's leading organizations transform information into digital tools for a safe, sustainable planet.

Habitat Seven works with partners across the globe including universities, museums, non-profits, and government agencies. We have built a team of Ph.D.-level scientists and top-tier media designers and developers. This combination allows us to understand the unique communication and outreach needs of our clients while delivering innovative media and technology products.

As part of work, we also develop proprietary digital products for specific markets to help build more resilient socio-economic systems. Specifically, we focus on building digital products to help governments and companies better adjust to climate related shocks and extreme weather events in partnership with Planet Labs (www.planet.com).

Employment Type: Permanent

Job function: Product Development

Location: Ottawa, Ontario, Canada

Language of Work: English

Job Overview:

The Supply Chain Process Analyst: Logistics Analytics Manager position provides an exciting opportunity for a motivated learner with skills and experience in Supply Chain Management (SCM), big data analytics, and route optimization for inter-country shipping. Our new product, built in partnership with Planet Labs, creates an early warning and disaster management system for resilient supply chains. Our focus is to use satellite images and shipping routes (both ground and oceanic) and AI/ML processes to create up to the minute adjustments to shipping routes before, during, and after extreme weather events. Our geographical focus is North and Central America for this phase of the project with an expansion into other regions in 2023. HabitatSeven has the expertise in computing and software development to build the product. We are looking for someone with real-world experience in managing and optimizing shipping routes to support our software development team in building and training models for use in operational contexts.

Duties and responsibilities

- Identify, analyse, design, and optimize strategies for SCM solutions related to disaster resilience, emergency response and infrastructure monitoring.
- Map supply chain data and process flows in order to identify gaps and detect supply chain weaknesses upstream and downstream across multiple levels in shipping transport distribution management systems.
- Support building prediction and detection algorithms of risks, post- disaster rescue, recovery efforts, and planning as they relate to shipping infrastructure and processes.·

- Help with the development of warning systems for ground transportation assets management, in order to effectively decrease the response time in operations and increase management efficiencies in specified supply chains.·
- Review entire infrastructures, including integrated pipelines, ports and waterways, railroads, roadways, and storage facilities post disaster and lead projects to improve supply chain and logistics efficiencies through the use of optimization software, data research and analysis and EO data.
- Understand the changing structures of supply chains in the USA, Mexico and Central America, from customs to ground transportation regulations.·
- Understand the regulatory frameworks for supply chains and the distribution of critical goods in the USA, Mexico and Central America during catastrophic events.·
- Using EO information and ground specific information of current infrastructure, help design creative GIS solutions focused on identification, mapping and analysis of environmental impacts in recent years on the supply network.
- Work with different stakeholders and partners (including government and industry partners across North and Central America) to understand what supply chains have learned from COVID 19 to help them prepare for future and unknown global disasters.
- Help government and industry partners across North and Central America put in place an incremental approach to developing a policy and legal framework around supply chain sustainability for (resilience, disruption from natural disasters and trade disagreements).
- Participate in data curation, in order to make the data meet the necessary requirements for its intended usage.

Required Education and Work Experience Qualifications

In order to be considered, your application must clearly explain how you meet the following (essential qualifications):

- Completed Master's Degree in supply chain management and international logistics.
- 10+ years of related experience in business, logistics, land transportation, shipping, and SCM
- Proven experience using satellite and Earth observation data in a production work-flow to determine optimal multi-modal transportation routes
- Minimum of 5 years in designing and optimizing shipping transport networks and optimizing SCM with Big Data analytic tools (Tableau, PowerBI).
- Minimum of 5 years work experience of work experience with a multinational company with shipping routes in North and Central America.
- Working knowledge of international customs laws and regulations in North and Central America.
- Working expertise of designing transport networks in North and Central America.
- Working knowledge of North and Central American government acquisition laws and regulations.
- Experience on managing routes, processes and compliance with customs and transit regulations established in North and Central America
- Fluent in English and Spanish (DELE required).
- Six Sigma Certification.

Technical Knowledge:

- Excellent presentation skills and experience with communicating visually and in writing analysis results.
- Super-user level of skill in MS Excel, Power BI, Tableau.

- Super-user level of Microsoft Office Suite (Word, Excel, PowerPoint, Project, Visio), Microsoft Azure.
- Experience with KPIs, metrics, cost modelling and direct negotiation experience.
- The ability to flourish and produce within a fast-paced, sometimes ambiguous environment with changing priorities.
- Demonstrated understanding of required business systems, process controls, and procedures preferred.

Salary Range: $89,000 to $99,000 Canadian Dollars per year depending on experience.

Benefits: None

Location: This process will be used to staff one position in Ottawa, Ontario Only.

Closing application date: