



## INTERN, RENEWABLE ENERGIES PERFORMANCE (Montreal)

The intern will join the Asset Performance team, which uses operational data from the portfolio's wind, solar and energy storage plants to identify performance improvement opportunities.

### KEY RESPONSIBILITIES

- Actively participate in the development of a SCADA data quality control module.
- Design and develop advanced algorithms to identify anomalies in time series, such as outliers, atypical behavior (seasonal variations, trends), or sensor faults.
- Implement data completion algorithms, to ensure the availability of complete, pre-processed data for subsequent analysis.
- Use machine learning models and/or neural networks to detect, analyze and correct anomalies in time series.
- Work closely with the Asset Management team to optimize plant performance, using data analytics to inform and guide operational decisions.

### PROFESSIONAL REQUIREMENTS

- Student currently studying at university in a field relevant to data mining (statistics, data science, computer science, engineering, physics, etc.).

### KNOWLEDGE & SKILLS

- Excellent analytical and problem-solving skills.
- Boundless curiosity.
- Strong interest in data mining, renewable energy and weather data.
- Python programming skills required and knowledge of the pandas library.
- Experience with various data analysis tools (Excel, Matlab, R, etc.). Experience with visualization tools such as Tableau Software or Power BI an asset.
- Knowledge of databases and SQL, an asset.
- Oral and written bilingualism (French and English).

### WHAT WE OFFER

- Practical experience in a promising sector.
- Supervision by experienced professionals.
- A dynamic, collaborative work environment.

Founded in 2009, Axiom Infrastructure is an independent employee-owned fund manager dedicated to investing in the infrastructure sector. With over 100 employees, the firm benefits from the extensive infrastructure backgrounds of its team of professionals who have gained, over their career, significant experience acquiring, developing, financing, operating, and managing infrastructure assets. Axiom's investment strategy focuses on core infrastructure assets with an active approach to operations and asset management and integration of strong environmental, social and governance ('ESG') principles. Over the years, the firm has built a diversified portfolio of over 260 assets and today has over C\$10 billion of assets under management.

Axiom Infrastructure offers a dynamic, respectful, and collaborative work environment in its offices located in the core of the financial districts of Montreal, Toronto, Vancouver, New York and London. The firm also strongly believes in upholding ESG principles and is focused on providing employees a sustainability-oriented workplace. A full benefit package is offered to permanent employees: insurance, pension plan, flexible hours, remote work (2 days a week), reimbursement of monthly public transportation passes, physical activity program and much more!

To submit your application, you may visit our Career page on our website: [Careers – Axiom Infrastructure](#) or send an email to [talent@axiuminfra.com](mailto:talent@axiuminfra.com).

Axiom Infrastructure is proud to offer equal employment opportunities to all. We are committed to continuous improvement and a diverse and inclusive workplace for all. Applicants will be considered without regard to race, color, religion, gender, sexual orientation, gender perception or identity, national origin, age, marital status or disability.