

Job Posting:175177 - Position: W26 Data Engineering Co-op Student 175177

Co-op Work Term Posted:	2026 - Winter
App Deadline	11/20/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	11/06/2025 01:58 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Creative Energy
Address Line 1	720 Beatty Street
City	Vancouver
Postal Code / Zip Code	V6B 2M1
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
 Job Title 	W26 Data Engineering Co-op Student 175177
Position Type	Co-op Position
Job Location	Vancouver, BC
Country	Canada
Duration	8 or 12 months
Salary Currency	CAD
Salary	30.0 per hour for 0 Major List

Job Description

Job Title: Data Engineering Co-op Student (8-12 Months)

About Us

Recognized as a leader in innovative energy solutions, Creative Energy designs, builds, owns, and operates sustainable district energy systems across Canada and parts of the US. Our team has a client-focused, community-vested approach to projects that deliver outstanding quality and service while providing tangible value for continued growth.

In addition to owning and operating one of Canada's largest thermal networks in downtown Vancouver, we provide value to developers, landowners, end-users, and the broader community through flexible thermal neighbourhood energy systems. Our projects focus on innovation, resiliency, and sustainability, and span across a broad spectrum of technologies including geo-exchange, ocean exchange, cogeneration, microgrids, and sewer heat recovery.

Serving Canadians for over 55 years with a reliability rate of 99.99%, we're developing more than a dozen new low-carbon district energy systems across North America, including the revitalization and decarbonization of our downtown Vancouver steam plant which will be one of North America's largest thermal fuel-switch projects and provide downtown Vancouver with renewable energy infrastructure for decades to come.

The Opportunity

Are you passionate about data, sustainability, and making a real impact? Join our dynamic Operational Technology (OT) team as a **Data Engineering Co-op** and contribute to our mission of driving decarbonization and innovation in district energy systems.

In this role, you'll work closely with cross-functional teams-including operations, finance, and engineering-to help standardize our data fabric, identify key performance indicators (KPIs), and build insightful dashboards and predictive models that inform decision-making across the organization.

Key Responsibilities

- Identify, extract, and transform data from various sources to uncover facts and trends in business and operation KPIs - to answer, "what happened", "what is happening" or "what is going to happen."
- Design and develop tailored dashboards for various departments to visualize data effectively.
- Collaborate with internal stakeholders to identify relevant KPIs and data needs.
- Integrate operational data fabric with enterprise applications using APIs.
- Build Machine Learning models to forecast operational outcomes and support feedforward control strategies.
- Standardize and optimize existing data structure within the data fabric.

What We Offer

- Collaboration with a passionate, growth-oriented team focus on value creation.
- Hands-on experience with industrial and commercial control systems and data infrastructure.
- Opportunities to work on impactful projects in sustainability and operational efficiency.
- Career mentoring and guidance to support your professional growth and development.
- Variety of social events and monthly birthday celebrations throughout the year.

Job Requirements

Qualifications

- Currently enrolled in a post-secondary program in Engineering, Computer Science, Data Science or a related field.
- Available for an 8-month term, with potential for extension.
- Programming experience with LUA and JSON.
- Experience with Power BI and working in Azure environments.
- Experience with OT/IT/DMZ network architectures.
- Exposure to machine learning concepts and tools.
- Understanding of industrial control systems and commercial building automation systems.
- Knowledge of HVAC technology is an asset.

Skills and Attributes

- Strong interpersonal and communication skills to engage effectively with diverse stakeholders.
- Quick learner with a proactive and resourceful approach to problem-solving.
- Strong aptitude for learning new systems and techniques.
- A resourceful, creative approach to problem solving.
- Excellent organizational and time management abilities.
- High attention to detail and commitment to producing quality work.
- Self-motivated and capable of working independently or collaboratively.
- Demonstrates a strong commitment to health, safety, and sustainability.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Optional

Special Application Instructions

Application Link:

<https://creativeenergy.bamboohr.com/careers/45>

Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website. Applications are accepted on a rolling basis and the posting may be expired at any time by the employer as submissions are received. Students should submit their applications as soon as they are ready.