

Job Title: Data Scientist Co-op Student
Position Type: Full Time, Co-op/Internship
Length: 4-8 month terms (preferably 8 months)
Start Date: May, 2022

At Portable Electric, we believe in a future without fossil-fueled generators. We believe the future is electric.

We are a Vancouver-based cleantech equipment manufacturer, connecting teams to clean power all over the globe. PE designs, builds, rents and sells VOLTstack® Power Stations – industrial grade, robust, clean energy alternatives to traditional gas and diesel generators that provide instant power whenever and wherever it's needed. PE is actively providing clean energy to the film, events, and construction industries in Western Canada, while rapidly integrating into new markets throughout North America and around the world.

Portable Electric is hiring a **Data Scientist Co-op Student** to support our line of cutting edge portable power systems that are already on the market. You will provide support to our field service team for projects around the globe and will be working in the field with our clients to find creative and workable solutions.

Your Impact as a Data Scientist Co-op Student:

- Collect data from portable power systems in both laboratory and field settings
- Perform analysis on data to determine energy utilization, CO2 savings, usage behaviour, and track equipment health and performance.
- Create reports based on data analyzed to inform customers on usage, recommend improvements to maximize performance, and to improve future design of products.
- Develop and test data analytics, machine learning procedures and algorithms in Python
- Develop and test software applications to host data analytic visualizations
- Monitor, test, and debug the data pipeline
- Help optimize and automate ongoing processes/routines.
- Construct classification models using developed machine learning tools
- Document developed features in the application
- Understand, support, test, and troubleshoot production machine learning applications

About you:

- Currently working towards a Bachelor of Science or Engineering or equivalent experience
- Competence in Excel, Word and PowerPoint
- Previous co-op experience is a strong asset
- Previous experience with performing data analysis using python, C and/or C++ is an asset
- Strong teamwork skills when interacting with team members to coordinate tasks, share resources, plan, make decisions, negotiate, solve conflicts, and complete other activities that involve teamwork
- Highly motivated and self-starter capable to work under pressure and handle multiple tasks
- Positive attitude while demonstrating hands-on proficiency and problem solving skills
- Excellent verbal and written communication skills
- Ability to thrive in a dynamic and fast-paced R&D environment
- Enjoy working in combination of lab and manufacturing floor settings

Location:

- This is a role working out of our Vancouver, BC office; however, we will consider candidates from abroad who are willing to relocate to Vancouver on their own expense
- Portable Electric is following strict COVID-19 Safety protocols under the guidance of the BC CDC, the BC Ministry of Health and WorkSafeBC to ensure the safety and well-being of our team and visitors.

Equal Opportunity Employer

Portable Electric embraces diversity. We are committed to building a team of women, BIPOC, LGBTQ+ and people with disabilities, that represents a variety of backgrounds, perspectives and skills, where team members feel like they belong and our policies and guidelines embrace all cultures and beliefs. The more inclusive we are, the more successful we will be.

Start your Journey with Portable Electric:

Let's make the world more sustainable together! Apply now by sending us your resume to careers@portable-electric.com. We want to hear from you!

We thank all applicants, but only those selected for further consideration will be contacted. Be sure to check our careers page to stay informed about all job opportunities at Portable Electric!