Job Posting: 177389 - Position: S26 Machine Learning Engineer 177389

Co-op Work Term Posted: 2026 - Summer
App Deadline   01/26/2026 09:00 AM
Application Method: Through UBC Science Co-op
Posting Goes Live: 01/20/2026 04:26 PM
Job Posting Status: Approved

ORGANIZATION INFORMATION

Organization   ALS Global
Address Line 1   2103 Dollarton Hwy
City   North Vancouver
Postal Code / Zip Code   V7H 0A7
Province / State   BC
Country   Canada

JOB POSTING INFORMATION

Placement Term   2026 - Summer
<b> Job Title <b>   S26 Machine Learning Engineer 177389
Position Type   Co-op Position
Job Location   North Vancouver, BC
Country   Canada
Duration   4 or 8 months
Work Mode   Hybrid
Salary Currency   CAD
Salary   25.0 per hour for 37.5 Major List
Job Description

Imagine your future with us!
At ALS, we encourage you to dream big.

When you join us, you'll be part of a global team harnessing the power of scientific testing and data-driven insights to build a healthier future.

About ALS GeoAnalytics
ALS GeoAnalytics combines geoscience expertise with modern machine learning and data platforms to accelerate mineral exploration and unlock resource value. Our GeoAnalytics platform integrates data processing, deep learning, and predictive modeling to generate geological insights used by clients worldwide.
As a Machine Learning Engineer Co-op, you'll work alongside ML engineers, backend engineers, and geoscientists to help build and operate real machine learning systems. You'll gain hands-on experience across the ML lifecycle, from data preparation and experimentation to deployment and inference.

What You'll Do
With mentorship and guidance from senior engineers, you will:
• Implement and improve machine learning pipelines for training, evaluation, and inference

•Assist in building ML services and workflows using AWS services such as Lambda, EC2, ECS, and Fargate
•Support batch and real-time inference workflows for production models
•Work with experimentation tools such as Jupyter Notebooks, Conda, and MLflow
•Train and evaluate models using PyTorch or TensorFlow for supervised and unsupervised tasks
•Help integrate trained models into backend APIs and production systems
•Collaborate with data scientists and geologists to translate research workflows into production-ready ML
•Learn best practices around reproducibility, monitoring, and model lifecycle management

Working at ALS
The ALS team is a diverse and dedicated community united by our passion to make a difference in the world.

Our values are important to us, and shape how we work, how we treat each other and how we recognise excellence.

At ALS, you'll be supported to develop new skills and reach your full potential. We invest in our people with programs and opportunities that help you build a diverse career with us.
We want everyone to have a safe, flexible and rewarding career that makes a positive impact on our people, the planet and our communities.

Everyone Matters
ALS is proud to be an equal opportunity employer and is committed to fostering an inclusive work environment where the strengths and perspectives of each employee are both recognised and valued.

Qualified candidates will be considered without regard to race, colour, religion, national origin, military or veteran status, gender, age, disabilities, sexual orientation, gender identity, pregnancy and pregnancy-related conditions, genetic information and any other characteristics protected by the law. We invite resumes from all interested parties, including women, First Nations, Metis and Inuit persons, members of minority groups, and persons living with disabilities.

ALS also welcomes applications from people with all levels of ability. Reasonable adjustments to support candidates throughout the recruitment process are available upon request.

Job Requirements

What You Bring
• Currently enrolled in or recently graduated from a **Computer Science, Engineering, Data Science, or related program**
•Experience with **Python** through projects or previous co-op terms
•Familiarity with core machine learning concepts such as classification, regression, and model evaluation
•Exposure to ML frameworks such as PyTorch, TensorFlow, or scikit-learn
•Comfort working with data using NumPy and pandas
•Experience using Git for version control
•Strong problem-solving skills and a willingness to learn

Nice to Have
• Exposure to deep learning or computer vision techniques
•Experience running ML code on cloud or GPU-enabled environments
•Familiarity with ML experimentation tools such as MLflow or Weights and Biases
•Exposure to Docker or containerized ML workflows
•Interest in geospatial data, imagery, or earth science applications

Citizenship Requirement   N/A
Position Start Date   May 04, 2026 12:00 AM
Position End Date   December 19, 2026 12:00 AM

APPLICATION INFORMATION

Application Procedure   Through UBC Science Co-op
Cover Letter Required?   Yes
Address Cover Letter to   Hiring Manager
Special Application Instructions

Candidates must apply through UBC **AND** through Company's Website linked here to be considered: Join the ALS Team!