

Job Posting: 177383 - Position: S26 Backend Developer 177383

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 04:23 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
 Job Title 	S26 Backend Developer 177383
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 deep geoscience expertise with modern data engineering and analytics to accelerate mineral exploration. Our in-house GeoAnalytics platform ingests, processes, and serves large-scale geoscience data used by mining companies around the world.

As a Backend Developer Co-op, you'll work alongside experienced engineers, data scientists, and geologists to help build and operate real production systems. You'll gain hands-on experience with cloud infrastructure, backend APIs, and data platforms at scale.

What You'll Do

With mentorship and guidance from senior engineers, you will:

- Build backend features in **Python** for data and analytics services

- Contribute to **REST APIs** using FastAPI / Flask and AWS API Gateway
- Work with **AWS services** such as Lambda, S3, DynamoDB, and ECS/Fargate
- Help develop data pipelines and storage layers using **PostgreSQL** and **S3**
- Support infrastructure defined using **Terraform**
- Collaborate with data scientists to operationalize analytics and ML workflows
- Participate in code reviews, testing, and CI/CD pipelines using **GitHub Actions**
- Learn production engineering best practices around reliability and performance

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!