

Job Posting: 177575 - Position: S26 Data Engineer 177575B

Co-op Work Term Posted:	2026 - Summer
App Deadline	01/29/2026 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	01/22/2026 03:31 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	UBC Programming Languages for Artificial Intelligence (PLAI)
Address Line 1	X453 - 2366 Main Mall
City	Vancouver
Postal Code / Zip Code	V6T 1Z4
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
 Job Title 	S26 Data Engineer 177575B
Position Type	Co-op Position
Job Location	Vancouver, BC
Country	Canada
Duration	4 months
Work Mode	In-Person
Salary Currency	CAD
Salary	2725.0 per month for 0 Major List

Job Description

PLAICraft - Embodied AI

University of British Columbia (UBC), Vancouver Campus

Imagine a future where you can talk to an AI agent in a videogame and have it actually understand and interact with you. That's the goal of PLAICraft.

We're building embodied AI agents that can see, listen, and act intelligently in an open-world Minecraft environment. To train these agents, we've created a free, browser-based Minecraft platform where players around the world contribute gameplay data- everything from video and audio to mouse movements and keypresses. This massive dataset helps our researchers develop advanced AI technologies like diffusion models and world modeling, which teach AI to understand how environments work and adapt when things change.

Our platform is already live with a growing user base and a substantial volume of collected data. If you're a motivated individual who wants to contribute to cutting-edge AI research while having fun in Minecraft, we'd love to have you on our team.

Check out PLAICraft here: <https://plaicraft.ai/>

Role Information

- Duration: 4 months
- Compensation: \$2,725 per month
- Work Setting: On-site (UBC Vancouver Campus)

Responsibilities

- Develop and maintain data pipeline workflows, including transformation, normalization, and quality assurance

- Manage cloud infrastructure configuration to automate data collection and processing
- Monitor data quality metrics, document procedures, and maintain organized datasets
- Support machine learning data preparation by ensuring data accuracy, consistency, and formatting
- Work with cloud computing platforms to manage large-scale data collection, storage, and processing pipelines
- Document code, processes, and project progress to support project practices and continuous improvement

Job Requirements

Preferred Qualifications

- Proficiency in Python and familiarity with AWS services (S3, Lambda, DynamoDB, EC2)
- Experience with SQL, PostgreSQL, and understanding of database design concepts
- Knowledge of data formats (CSV, JSON, Parquet) and data transformation techniques
- Experience with Git version control, Docker containerization, or similar tools
- Understanding of cloud computing concepts and experience with AWS
- Strong problem-solving skills and the ability to debug and optimize software for performance and scalability
- Interest in artificial intelligence, machine learning, and large-scale data systems

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure	Through UBC Science Co-op
Cover Letter Required?	Yes
Address Cover Letter to	PLAI Researchers