

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

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

## ORGANIZATION INFORMATION

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

## JOB POSTING INFORMATION

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

### 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**

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