Job Posting:174381 - Position: W26 Data Platform Specialist - LLM 174381

Co-op Work Term Posted:	2026 - Winter
App Deadline	11/15/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	10/14/2025 12:15 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	BC Children's Hospital Research Institute
Address Line 1	938 West 28th Avenue
City	Vancouver
Postal Code / Zip Code	V5Z 4H4
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 Data Platform Specialist - LLM 174381
Position Type	Co-op Position
Job Location	Vancouver, BC
Country	Canada
Duration	4 months
Work Mode	To be confirmed
Salary Currency	CAD
Salary	18.31 per hour for 0 Major List

Job Description

The BC Children's Hospital Research Institute (BCCHR) Integrated Research Informatics Services (IRIS) is looking for a Data Platform Specialist to support its teams of researchers and staff.

About BCCHR

Our researchers are driven by a tireless commitment to help children and their families receive the best possible care and live the healthiest possible lives.

Together with our generous and visionary partners, funders, and donors, and the families who participate in our research, we are at the forefront of child health. We continuously pursue new discoveries and innovations that benefit not only the one million kids in B.C. and Yukon who depend on us, but also kids around the world.

We are part of BC Children's Hospital, the only hospital in B.C. devoted exclusively to pediatric patients. In the lab, clinic and community, our clinicians and scientists are:

• Improving treatments and finding cures
• Developing breakthrough technologies
• Advancing knowledge of child health and development
• Informing health policy and practice

About the Role

We are seeking a motivated and technically skilled student to join our research-focused team. This role involves building a full-stack web application that integrates large language models (LLMs) to support research activities at the BCCHR.

The intern will also contribute to the downloading, fine-tuning, and deployment of open-source LLMs, working closely with both the

technical team and clinical researchers to ensure the tool meets evolving user needs

Roles and Responsibilities

• Develop and maintain full-stack web applications using modern frontend, backend, and database technologies.

• Design and implement scalable APIs and system integrations to support communication between applications and LLMs.

• Fine-tune, deploy and optimize large language models (LLMs) for specific use cases and user needs.

• Integrate and test cloud-hosted and on-premise LLMs within end-to-end application workflows.

• Collaborate with cross-functional teams to gather business requirements and deliver AI-enhanced solutions.

• Build visualizations to communicate results and findings effectively to diverse parties.

• Design, build, and optimize data pipelines for efficient ingestion, processing, storage, and data usage in the LLMs.

• Troubleshoot and resolve issues related to data, model integration, and application performance.

• Document system designs, data processes, and model configurations for transparency and reuse.

• Stay informed about advancements in LLMs, AI, data engineering, and application development.

• Engage in continuous learning and contribute to team knowledge in data, AI, and LLM technologies.

S/T/he/y will work hybrid with BCCHR's Business Operations Manager.

Job Requirements

This role requires an independent self-starter and learner with a strong affinity for analysis and quantitative data. An interest in healthcare and science is a plus. We are seeking candidates who are:

• Undergoing or having completed a Bachelor's or Master's degree in computer science, Information Systems, Statistics, Mathematics, or related field.

• Proficient in programming languages like Python, Javascript, R, SQL, etc.

• Proficient with frameworks and libraries like ReactJS, AngularJS, Django, FastAPI, etc.

• Proficient with Docker, Git, and CI/CD tools

• Experience with relational and non-relational databases is required

• Experience working with large language models is desirable

• Experience working with RAG with LLMs is desirable.

• Experience with PowerBI for data analysis is desirable.

• Experience working with REST APIs, OOPS, and DevOps workflows is desirable

• Strong analytical and problem-solving skills with a keen attention to detail.

• Able to understand and work with different data platforms and technologies.

• Excellent communication and collaboration skills.

• Able to work independently and in a team environment.

• Willing to learn and adapt to new technologies and methodologies.

• Previous experience in healthcare or research environments, and exposure to practices for handling patient and research data is desirable.

The initial employment for the 4-month term (January 2026 to end April 2026) will involve 37.5 hours per week, with the possibility of extension.

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through Employer Website

Cover Letter Required?   Yes

Address Cover Letter to   Vedant Bahel, Business Analyst, BC Children's Hospital Research Institute

Special Application Instructions

Interested persons should send a resume, cover letter, job application summary sheet, and transcripts to:

<mark>Vedant Bahel, Business Analyst, BC Children's Hospital Research Institute (vedant.bahel@bcchr.ca)</mark>

All submissions should be by email with the phrase "Data Platform Specialist - LLM" in the subject line.

Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the two email addresses listed above.

Applications are accepted on a rolling basis and the posting may be expired at any time by the employer as submissions are

received.
Students should submit their applications as soon as they are ready.