

Job Posting:173102 - Position: W26 Co-op Researcher - Simulation & AI 173102

Co-op Work Term Posted: 2026 - Winter
App Deadline 09/18/2025 09:00 AM
Application Method: Through UBC Science Co-op
Posting Goes Live: 09/11/2025 12:32 PM
Job Posting Status: Approved

ORGANIZATION INFORMATION

Organization Huawei Canada
Address Line 1 19 Allstate Pky
City Markham
Postal Code / Zip Code L3R 5A4
Province / State Ontario
Country Canada

JOB POSTING INFORMATION

Placement Term 2026 - Winter
** Job Title ** W26 Co-op Researcher - Simulation & AI 173102
Position Type Co-op Position
Job Location Markham, ON
Country Canada
Duration 8 or 12 months
Work Mode To be confirmed
Salary Currency CAD
Salary Salary Not Available, 0 Major List
Job Description

Huawei Canada has an immediate co-op opening for a Researcher.

About the team:

The Web, Windowing, and Graphics Team, currently a part of the Toronto Research Centre, explores innovative architectures to enhance the rendering of ArkUI and web content. The research includes customizing GPU drivers for web rendering, streamlining the Chrome rendering architecture for TBDR GPU targets, developing a concurrent web layout, and leveraging vertical integration opportunities to optimize performance and user experience.

About the job:

4-12 months position duration

- Identify the key technologies required for a problem in the field of simulation and AI
- Research and implement the corresponding PoC
- Participate in the preparation and writing of the resulting technical paper

Job Requirements

About the ideal candidate:

- Currently enrolled in a Co-op Bachelor's or Master's program in Computer Science, Mathematics, or a related field
- Strong interest in AI-driven physics-based simulation

- Proficient in C++, HLSL, GLSL, CUDA, and/or equivalent
- Knowledge of simulation and rendering of fluids, hair/fur, soft bodies, and/or rigid bodies
- Knowledge of applying AI in simulation and rendering
- Experience in simulation, rendering, and/or AI is an asset
- Knowledge of rendering pipeline, compute pipeline, and GPU architecture is an asset

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through UBC Science Co-op

Special Application Instructions

Please apply through SCOPE and through the employer's website.

Application Link: Huawei Technologies Canada Co., Ltd. - Co-op Researcher - Simulation & AI

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.