

## Job Posting:170864 - Position: F25 Intern Assistant Engineer - LLM 170864

<b>Co-op Work Term Posted:</b>	2025 - Fall
<b>App Deadline</b>	07/03/2025 09:00 AM
<b>Application Method:</b>	Through Employer Website
<b>Posting Goes Live:</b>	06/19/2025 03:21 PM
<b>Job Posting Status:</b>	Approved

### ORGANIZATION INFORMATION

<b>Organization</b>	Huawei Canada
<b>Address Line 1</b>	4321 Still Creek Dr
<b>City</b>	Burnaby
<b>Postal Code / Zip Code</b>	V5C 6S7
<b>Province / State</b>	BC
<b>Country</b>	Canada

### JOB POSTING INFORMATION

<b>Placement Term</b>	2025 - Fall
<b>&lt;b&gt; Job Title &lt;b&gt;</b>	F25 Intern Assistant Engineer - LLM 170864
<b>Position Type</b>	Co-op Position
<b>Job Location</b>	Kingston, ON
<b>Country</b>	Canada
<b>Duration</b>	4 months
<b>Work Mode</b>	To be confirmed
<b>Salary Currency</b>	CAD
<b>Salary</b>	Salary Not Available, 0 Major List
<b>Job Description</b>	

Huawei Canada has an immediate internship opening for an Assistant Engineer.

#### About the team:

The Centre for Software Excellence Lab conducts pioneering research in software engineering, focusing on next-generation technologies. This team integrates industry best practices with cutting-edge academic research to address lifecycle software engineering challenges, including foundation model applications, software performance engineering, hyper-cluster programming, next-gen mobile OS, and cloud-native computing. This lab uniquely allows researchers to apply innovations directly to products affecting billions of customers while promoting open-source contributions, publications, conference participation, and collaborations to create a broader impact.

#### About the job:

- Develop, fine-tune, and evaluate LLMs aimed at software engineering tasks, such as code generation, bug detection, and test creation using PyTorch and other frameworks.
- Implement data preprocessing and training pipelines tailored for code corpora, including tokenization, batching, and dataset management.
- Write robust, maintainable code, with tests, documentation, and automated CI/CD integration.
- Communicate progress and results, presenting findings in lab meetings and contributing to group knowledge.
- Meet top industry and academic leaders and experts around the world, collaborate with top researchers and students, consult with

Engineering teams across diverse domains, publish research papers in far-reaching and impactful areas, and submit patent applications for novel inventions.

## **Job Requirements**

### **About the ideal candidate:**

- Bachelors or Master Degree in Computer Science, Electrical & Computer Engineering, Machine Learning, or relevant domains.
- Solid experience with one or more of the following programming languages: Python/C/C++
- Familiarity with software development practices (version management, build management, CI/CD, debugging and profiling).
- Solid understanding in any of these areas: Machine Learning and/or Deep Learning, Large Models Training and Finetuning (e.g., NLP/CV).
- Familiarity with GPU, CPU, or heterogeneous hardware for ML workloads.
- Experience with mainstream model training and inference frameworks and tools (e.g., PyTorch, Tensorflow, HuggingFace Transformer&Accelerate, DeepSpeed, Megatron, etc.).
- Ability to evaluate, apply, and mature published research to real-world problems on prototype systems and have an inquisitive mindset, proven research and communication.

**Citizenship Requirement** N/A

## **APPLICATION INFORMATION**

**Application Procedure** Through Employer Website

### **Special Application Instructions**

Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website.

Application Link: Huawei Technologies Canada Co., Ltd. - LLM - Assistant Engineer, Intern

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.