

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

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

ORGANIZATION INFORMATION

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

JOB POSTING INFORMATION

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

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.