## Job Posting:169274 - Position: F25 Co-op Software Engineer - AI System & Infrastructure 169274

**Co-op Work Term Posted:** 2025 - Fall
**App Deadline** 05/20/2025 09:00 AM
**Application Method:** Through Employer Website
**Posting Goes Live:** 05/06/2025 12:24 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
**<b> Job Title <b>** F25 Co-op Software Engineer - AI System & Infrastructure 169274
**Position Type** Co-op Position
**Job Location** Vancouver, BC
**Country** Canada
**Duration** 8 or 12 months
**Work Mode** In-Person
**Salary Currency** CAD
**Salary** 0.0 per hour for 0 Major List
**Salary Range $** $60,000 - $100,000
**Job Description**

**About the team:**

The Intelligent Cloud Infrastructure Lab aims to innovate technologies, algorithms, systems, and platforms for next-generation cloud infrastructure. The lab addresses scalability, performance, and resource utilization challenges in existing cloud services while preparing for future challenges with appropriate technologies and architectures. Additionally, the lab aims to understand industry dynamics and technology trends to create a robust ecosystem.

**About the job:**

• Understand AI System and Infrastructure technology landscape, and identify scalability/performance issues or challenges of current LLM/multi-modal LLM systems
• Initiate and charter innovation projects to build or re-architect AI infrastructure platform, and plan milestones accordingly
• Provide/contribute a scalable and high-performance architecture design or re-design for the infrastructure system that is optimized for AI training and inferencing, which includes but not limited to cluster management and scheduling, LLM model deployment, elastic LLM as well as AI container cold/warm start-up optimization, and so on.
• Collaborate with internal and external teams to deliver the project or project features that improve our overall system scalability and performance.

The target annual compensation (based on 2080 hours per year) ranges from $60,000 to $100,000 depending on education, experience and demonstrated expertise.

## Job Requirements

**About the ideal candidate:**

• Master/PhD degree in Computer Science, Computer Engineering
•Experience in building large scale and high-performance distributed system
•Experience in Nvidia TensorRT and/or Triton servers. Experience in container virtualization technologies
•Knowledge & experience in distributed system design & development, including serverless technologies
•Work experience in one or more of the following technologies: vLLM, Ray, SGLang, Kubernetes, TensorRT-LLM, Pytorch
 framework, Cuda libraries, GPU technologies
•Work experience in one or more of the following programming languages: C/C++, Go, Java, Rust, python, C#
•Have excellent interpersonal and communication skills to collaborate with multiple teams and build strong partnerships effectively
•Demonstrated success working on software engineering problems that span multiple products

**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. - Engineer - Cloud Networking

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