

## Job Posting:166484 - Position: S25 Co-op Software Engineer - Serverless Infrastructure & Technologies 166484

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|--------------------------------|--------------------------|
| <b>Co-op Work Term Posted:</b> | 2025 - Summer            |
| <b>App Deadline</b>            | 02/28/2025 11:59 PM      |
| <b>Application Method:</b>     | Through Employer Website |
| <b>Posting Goes Live:</b>      | 01/31/2025 11:36 AM      |
| <b>Job Posting Status:</b>     | Expired                  |

### 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

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|--------------------------------------|-------------------------------------------------------------------------------|
| <b>Placement Term</b>                | 2025 - Summer                                                                 |
| <b>&lt;b&gt; Job Title &lt;b&gt;</b> | S25 Co-op Software Engineer - Serverless Infrastructure & Technologies 166484 |
| <b>Position Type</b>                 | Co-op Position                                                                |
| <b>Job Location</b>                  | Vancouver, British Columbia                                                   |
| <b>Country</b>                       | Canada                                                                        |
| <b>Duration</b>                      | 8 or 12 months                                                                |
| <b>Work Mode</b>                     | In-Person                                                                     |
| <b>Salary Currency</b>               | CAD                                                                           |
| <b>Salary</b>                        | 0.0 per hour for 40 Major List                                                |
| <b>Salary Range \$</b>               | \$28 - \$50                                                                   |
| <b>Job Description</b>               |                                                                               |

#### 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 serverless technology landscape, and identify scalability/performance issues or challenges of current serverless platform.
- Initiate and charter innovation projects to build or re-architect serverless infrastructure platform, and plan milestones accordingly.
- Provide/contribute a scalable and high performance architecture design for the new serverless infrastructure system that is optimized for AI training and inferencing, which includes but not limited to serverless cluster management and scheduling, serverless cold/warm Startup optimization.
- Collaborate with internal and external teams to deliver the project or project features that improve our overall system scalability and performance.

## Job Requirements

### About the ideal candidate:

- Bachelor student in Computer Science or related field/relevant industry experience in system software development.
- Experience in one or more of the following programming languages: C/C++, Go, Java, Rust, python, C#.
- Experience in serverless and event-driven architecture, and/or distributed system design & development is an asset.
- Experience in one or more of the following technologies: AWS Lambda, Google KNative, Azure Functions, Kubernetes, ServerlessML, KubeFlow and KubeML is an asset.
- Have excellent interpersonal and communication skills to collaborate with multiple teams and build strong partnerships effectively.

**Citizenship Requirement** N/A

**Position Start Date** May 06, 2025 12:00 AM

## APPLICATION INFORMATION

**Application Procedure** Through Employer Website

**Cover Letter Required?** Optional

### Special Application Instructions

Please apply through Huawei Canada Career Website: Co-op Software Engineer - Serverless Infrastructure & Technologies

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

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