

## Job Posting:171797 - Position: F25 Intern Engineer - Software Development (Human-Computer Interaction) 171797

**Co-op Work Term Posted:** 2025 - Fall  
**App Deadline** 08/21/2025 09:00 AM  
**Application Method:** Through Employer Website  
**Posting Goes Live:** 08/07/2025 03:25 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 Intern Engineer - Software Development (Human-Computer Interaction) 171797  
**Position Type** Co-op Position  
**Job Location** Markham, ON  
**Country** Canada  
**Duration** 4 months  
**Work Mode** To be confirmed  
**Salary Currency** CAD  
**Salary** Salary Not Available, 0 Major List

#### Job Description

##### About the team:

The Human-Machine Interaction Lab unites global talents to redefine the relationship between humans and technology. Focused on innovation and user-centered design, the lab strives to advance human-computer interaction research. Our team includes researchers, engineers, and designers collaborating across disciplines to develop novel interactive systems, sensing technologies, wearable and IoT systems, human factors, computer vision, and multimodal interfaces. Through high-impact products and cutting-edge research, we aim to enhance user experiences and interactions with technology.

##### About the job:

- Design and build advanced applications / libraries / services for the Android and/or Windows platform
- Integrate and optimize state-of-the-art machine learning models (vision, speech, or multimodal) for real-time and on-device applications
- Collaborate with product, research and design teams to define, design, and ship new features
- Work with open-source machine learning libraries and toolkits (e.g., PyTorch, Tensorflow Lite, ONNX Runtime, MediaPipe) for Android/Windows/Web platform
- Write clean readable code and test code for robustness, including edge cases, usability, performance, and general reliability
- Continuously discover, evaluate, and implement new technologies to maximize development efficiency

## Job Requirements

### About the ideal candidate:

- Currently enrolled in a Master's or Ph.D. program in Computer Science, HCI, or a related field
- Solid understanding of Data Structure and Algorithm
- Strong coding skills in any of the high-level languages (e.g. Java/C#/C++/Python, etc.)
- Working knowledge of the general mobile landscape, architectures, trends, and emerging technologies
- Solid understanding of the full mobile development life cycle
- Relevant experience and strong interest in any of the following areas: Computer Vision, Human-computer Interaction, Human Factors, Machine Learning, Sensor, and Gesture

**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. - Intern Engineer - Software Development (Human-Computer Interaction)

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.