

Job Posting:173700 - Position: S26 FY26 Intern - AI and DSP Applications Software Engineering Intern - Canada (16 months) 173700B

Co-op Work Term Posted:	2026 - Summer
App Deadline	10/06/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	09/22/2025 02:47 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Qualcomm MEMS Technologies Inc.
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
 Job Title 	S26 FY26 Intern - AI and DSP Applications Software Engineering Intern - Canada (16 months) 173700B
Position Type	Co-op Position
Job Location	Markham, ON
Country	Canada
Duration	16 months
Salary Currency	CAD
Salary	0.0 per hour for 0 Major List
Job Description	

ID: 3079089

Company:

Qualcomm Canada ULC

Job Area:

Interns Group, Interns Group > Interim Engineering Intern - Systems

Qualcomm Overview:

Qualcomm is a company of inventors that unlocked 5G ushering in an age of rapid acceleration in connectivity and new possibilities that will transform industries, create jobs, and enrich lives. But this is just the beginning. It takes inventive minds with diverse skills, backgrounds, and cultures to transform 5G's potential into world-changing technologies and products. This is the Invention Age - and this is where you come in.

General Summary:

Job Overview (AI and DSP Applications Software Engineering Intern)

QUALCOMM is the world's leading developer of next-generation wireless and multimedia technology. QUALCOMM is committed to building a world-class organization that will lead the industry in multimedia technology.

Do you ever wonder when will connected devices become thinking devices? Be part of the group that is working on technology that will bring "Cognition" to all connected devices: That means devices that don't just think, but instinctively react to their surroundings.

General Summary

We are searching for an AI and DSP Applications Software Engineer to be a part of the AI Processor team that is responsible for developing machine learning based applications and use cases developed for Qualcomm Snapdragon processors. The candidate will work on new cutting-edge hardware accelerators in the areas of artificial intelligence, machine learning, computer vision and video processing and contribute to research and development of new applications that bring artificial intelligence to mobile and edge devices.

Responsibilities include working with the team on software development, integration, test, and support of these applications for the Qualcomm Snapdragon AI Processor. Focusing on frameworks that support AI post-processing for video playback, gaming, camera, and other multimedia use cases, the candidate should be able to work with multiple teams to determine and understand requirements and resolve technical issues. The candidate will also be responsible for supporting customers (internal as well as external).

The candidate should be able to read abstract problem definitions, define problem statements, design and ensure that goals of our end users and technology are met. The candidate is expected to follow and demonstrate strong software development practices and processes.

Key Responsibilities

- Develop processing frameworks running on Android, Linux, and other high level operating systems as well as AI Processor to enable AI based multimedia use cases and hardware accelerators.
- Test and validate algorithms for image quality, performance, and power
- Collaborate across functional boundaries in defining architecture, APIs, design
- Explore opportunities outside of mobile, including Automotive, IoT, XR, etc.

Applicants: Qualcomm is an equal opportunity employer. If you are an individual with a disability and need an accommodation during the application/hiring process, rest assured that Qualcomm is committed to providing an accessible process. You may e-mail myhr.support@qualcomm.com or call Qualcomm's toll-free number found [here](#). Upon request, Qualcomm will provide reasonable accommodations to support individuals with disabilities to be able participate in the hiring process. Qualcomm is also committed to making our workplace accessible for individuals with disabilities.

Qualcomm expects its employees to abide by all applicable policies and procedures, including but not limited to security and other requirements regarding protection of Company confidential information and other confidential and/or proprietary information, to the extent those requirements are permissible under applicable law.

To all Staffing and Recruiting Agencies: Our Careers Site is only for individuals seeking a job at Qualcomm. Staffing and recruiting agencies and individuals being represented by an agency are not authorized to use this site or to submit profiles, applications or resumes, and any such submissions will be considered unsolicited. Qualcomm does not accept unsolicited resumes or applications from agencies. Please do not forward resumes to our jobs alias, Qualcomm employees or any other company location. Qualcomm is not responsible for any fees related to unsolicited resumes/applications.

If you would like more information about this role, please contact Qualcomm Careers.

Job Application Privacy Notice

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Use of AI in the Application Process

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Equal Employment Opportunity

Equal Employment Opportunity

"EEO is the Law" Poster Supplement

Pay Transparency Non-Discrimination Provision

Employee Polygraph Protection Act

Family Medical Leave Act

Rights of Pregnant Employees

Discrimination and Harassment

California Family Rights Act

Qualcomm Right to Inspect

Job Requirements

Minimum Qualifications

- Strong knowledge of C/C++
- Good understanding of software development principles and practices, object-oriented design
- Familiar with computer/hardware architecture and operating systems
- Real-time software development concepts
- Excellent verbal, written, and presentation skills

Preferred Qualifications

- Knowledge of Python
- Experience with Linux development
- Experience with embedded software development
- Understanding of Android Native/HAL and Android multimedia frameworks (MediaCodec, Android Graphics, Camera HAL) a plus
- Knowledge of high-performance computing
- Basic understanding of Machine learning, Computer vision, and Digital image processing is a bonus

Education Requirements:

- In study towards a bachelor's degree in one of the following: Electrical Engineering, Computer Engineering, Engineering Science, Computer Science, or related field
- Eligible candidates must have a graduation date in December 2027 or later, including May or June 2028.
- For 16-month internships: must be available May 2026 - August 2027

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:

https://qualcomm.eightfold.ai/careers?query=intern&location=any&pid=446714397348&domain=qualcomm.com&sort_by=relevance&triggerGoButton=false

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.