

Job Posting: 178555 - Position: S26 Test Validation Software Developer Intern 178555B

Co-op Work Term Posted:	2026 - Summer
App Deadline	02/27/2026 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	02/20/2026 04:34 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Octasic
City	Montreal
Province / State	QC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
 Job Title 	S26 Test Validation Software Developer Intern 178555B
Position Type	Co-op Position
Job Location	Montreal, QC
Country	Canada
Duration	4 or 8 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List
Job Description	

Founded in 1998, Octasic is a privately held company headquartered in Montreal, Canada, with Research and Development facilities in Canada and India and a global sales support network. Octasic is a leading provider of SoCs (System on Chip), software and hardware integrated platforms for the global wireless and multimedia gateway markets. Our hardware and software platforms are the foundation for next-generation wireless systems for Defense, Law Enforcement and National Security Agencies.

We choose Octasic for:

- A workplace at the cutting edge of technology to be in contact with wireless technology experts in a growing company;
- Competitive compensation (salaries, benefits, gym membership discount, stock options purchase program, public transit reimbursement, shower on the premises and beverages and snacks free every day);
- Work-life balance;
- Friendly and collaborative work atmosphere and many social activities all year long;
- Working for a company involved in its community;
- Proximity to various public transportation services (Angus Shuttle, 10 min. walk from Prefontaine station).

What you'll do:

As a Software Design Intern within the Validation team, you will work on the validation and compliance of our software products. You will also collaborate on the design, architecture definition, implementation, and integration of 2G / 2.5G (GSM, GPRS, EDGE, eEDGE), 3G (WCDMA, HSDPA, HSUPA), 4G (LTE), and 5G (NR) software applications. You will work closely with software architects specializing in system-level and embedded software throughout the definition, specification, implementation, and integration phases.

You will have access to a state-of-the-art development environment including a Visual Studio-based IDE, an optimizing C/C++ compiler, extensive libraries, and performance analysis and code coverage tools. Whether adding new features to existing products or contributing to software validation efforts, you will enhance your skills while being mentored by experienced professionals.

Job Requirements

Qualifications:

- Currently enrolled in an Electrical Engineering program (or equivalent);
- Strong motivation to expand skills in a fast-changing environment;
- Programming experience in C/C++;
- Experience working in an Agile development environment;
- Good communication in English (spoken and written) and French (spoken);
- Willingness to learn and ability to adapt quickly;
- Strong communication skills and team spirit;
- Enjoy solving complex technical problems.

Nice to have:

- Overall experience in software design and/or embedded validation software design;
- Knowledge of wireless communication protocols;
- Knowledge of scripting languages (Python, Bash, Batch, etc.);
- Ability to work effectively with the following tools and environments:
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 - Radio application validation procedures and 3GPP compliance testing;
 - Development tools: Microsoft Visual Studio;
 - Test equipment and tools (e.g., spectrum analyzer, channel simulator, oscilloscope, etc.).

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://ats.rippling.com/en-CA/octasic-inc/jobs/74bd48d4-dd18-4f4a-90cd-841765bea4d2>

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.