

Job Posting:167352 - Position: S25 Software Analyst Intern - C, C++, Python (4 or 8 months) 167352

Co-op Work Term Posted:	2025 - Summer
App Deadline	03/10/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	02/24/2025 03:54 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Hitachi Ltd.
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Summer
 Job Title 	S25 Software Analyst Intern - C, C++, Python (4 or 8 months) 167352
Position Type	Co-op Position
Job Location	Toronto, ON
Country	Canada
Duration	4 or 8 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List
Job Description	

R1008436

About Us

A career at Hitachi Rail will help create a legacy. With operations in every corner of the world, our work goes to the cutting-edge of digital transformation and technology. From the multi-cultural strength of our global organisation to the sustainable and innovative ways we work to bring people together, there's something for everyone to get stuck into. And that's where you come in.

Toronto, Ontario, Canada (Hybrid)

Internship Duration: May 2025 - August or December 2025 (4 or 8months)

Job Description

We are currently hiring a Software Analyst Intern for a summer term position, from May to August or December 2025 (4 or 8months), at our Hitachi Rail office in North York.

As a member of a collaborative development team, the individual in this role will work within the Tools and Simulator Software team to perform design, analysis, programming and integration activities in the development of software for train control systems that support Hitachi Rail Ground Transportation Systems.

Joining Hitachi Rail Ground Transportation Systems as an intern student is a great way to launch your career! Our roles always provide real-life work experiences that align to your area of study. The Early Careers Program gives you more than just a job - you have the opportunity to begin your career. We offer training, networking opportunities, career development, and social events.

Key Accountabilities

- Understands and follows the company's processes and procedures for developing or supporting vital software applications
- Implements real time systems in C++ and Python or C and with some Assembler
- Designs, codes, debugs, writes test procedures and tests software code as well as writing scripts for test automation
- Reviews code, test procedures and test results
- Analyses and implements corrections for defect reports

- Support in-house testing teams to analyze and identify issues

Job Requirements

Key Requirements

- The successful candidate should be working towards a bachelor's degree from an accredited university or college in Computer/Electrical Engineering, Computer Science degree or a related field.
- Completion of the second or third year of your undergraduate degree, or currently pursuing a master's degree
- Development experience in C/C++ and Python
- Knowledge of software architecture
- Knowledge of software development environment (desktop simulator, target simulator, McCabe, etc.)
- Fluent in English both in written and oral communication skills
- The ability to work 40 hours a week in a hybrid environment for the duration of the internship is essential. At least 2 days a week in the office.

Preferred Qualifications

- Co-op student available for a 4-month term, with at least one additional quarter or semester of coursework remaining after the completion of the internship.
- Experience with Visual Studio 2008, 2017, and 2024
- Experience with Linux, Powershell and Bash scripting
- Experience in C# and SQL Server, experience in developing test automation tools is considered an asset
- Knowledge of modern software engineering practices, methods and tools
- Experience with Amazon Web Services and other cloud providers
- Knowledge of virtualization technologies, VMware, ESXI or other hypervisor system configuration and management
- TCL and Ruby experience is considered an asset

Thank you for your interest in Hitachi Rail. If your application is of interest, we will be in contact. Please do not hesitate to discover more about us and our latest jobs at <https://www.hitachirail.com/careers>.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Special Application Instructions

Please apply via the link here: https://gtsgbu.wd3.myworkdayjobs.com/en-US/Careers/job/Toronto/Software-Analyst-Intern---C--C---Python--4-or-8-months-_R1008436

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

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