Job Posting:170776 - Position: F25 Software Analyst Intern (C, Python, 4 or 8months) 170776B

Co-op Work Term Posted:	2025 - Fall
App Deadline	06/25/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	06/17/2025 03:12 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Hitachi Ltd.
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Fall
<b> Job Title <b>	F25 Software Analyst Intern (C, Python, 4 or 8months) 170776B
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, 40 Major List
Job Description	

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: September 2025 to December 2025 or April 2026 (4 or 8 months)

Job Description

We are currently seeking a Software Analyst Intern for a summer term position September 2025 to December 2025 or April 2026 (4 or 8 months) at our Hitachi Rail office in North York.

As part of our team, you will be responsible for performing analysis, scripting, testing, and integration activities in the development of software for train control systems within our Ground Transportation Systems.

Key Accountabilities:
• Contributes to the formalization of mission/function description, architectural & algorithms design.
•Write test procedures, automation scripts and test software code.
•Perform engineering testing, unit testing.

•Solves tasks in the best technical and timely manner. Looks for opportunities and make suggestions for improvements.

Key Requirements:
• The successful candidate should be pursuing a bachelor's degree in Computer Science, Engineering, or a related field from an accredited university or college.
•Entry-level experience in software development using **C** and **Python**.
•Basic analysis skills with the ability to diagnose issues.
•Comfortable handling assignments within small to medium-scale software applications.
•Familiarity with software development processes.
•Ability to quickly integrate into the team and work independently.
•Knowledge of software development environments (e.g., Microsoft Visual Studio, desktop simulators, CI/CD).
•Practical experience with Microsoft Office Suite.
•Hands-on experience with source control, IDEs, and requirements management tools.
•Familiarity with test automation, unit testing, and CI/CD.
•Ability to work 40 hours per week in a hybrid setting throughout the internship, with **a minimum of four days per week onsite**.

Preferred Qualifications:
• Co-op student available for a 4-8 month term, with at least one additional quarter or semester of coursework remaining after the internship.
•Relevant school projects may be considered.
•Basic knowledge of railway signaling techniques, including SelTrac CBTC.
•Entry-level experience in software development using Assembly and Java is a plus.
•Familiarity with scripting languages such as Perl, Ruby, etc., is a plus.
•Entry-level experience in modeling and simulation.
•Ability to program on various operating platforms (e.g., Windows, QNX, Linux, Unix).

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.

At Hitachi Rail, there is a place for everyone. We welcome and value differences in background, age, gender, sexuality, family status, disability, race, nationality, ethnicity, religion, and world view. It is our commitment to create an inclusive environment - we are proud to be an equal opportunity employer.

We would be delighted if you would be one of our followers at https://www.linkedin.com/company/hitachirail.

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through Employer Website
Cover Letter Required?   Yes
Special Application Instructions

Application Link: https://gtsgbu.wd3.myworkdayjobs.com/Careers/job/Toronto/Software-Analyst-Intern--C--Python--4-or-8months-_R1009453

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.