Job Posting:170564 - Position: F25 Software Analyst Intern (12 or 16 months) 170564B

Co-op Work Term Posted:	2025 - Fall
App Deadline	06/25/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	06/10/2025 11:17 AM
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 (12 or 16 months) 170564B
Position Type	Co-op Position
Job Location	Toronto, ON
Country	Canada
Duration	12 or 16 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 - August or December 2026 (12 or 16 months)

We are currently seeking a Software Analyst Intern to join us for a 12- or 16-month internship at our Toronto office.

As a member of the Vital Software Engineering team supporting Ground Transportation Systems in Canada, the intern candidate will work under the direction of a senior software engineer to analyze, design, develop, and test software using continuous integration methods available in our organization.
Joining Hitachi Rail as an intern is a fantastic opportunity to kickstart your career! Our roles offer real-life work experiences that align with your area of study. The Early Careers Program provides more than just a job - it offers training, networking opportunities, career development, and social events.

Key Accountabilities
• Understand and adhere to the company's processes and procedures for developing crucial software for safety-critical railway systems

•Assist in software development and algorithm implementations for safety-critical systems, utilizing languages such as C, Python, and shell scripting
•Develop software tools and scripts to enhance the existing software development toolchain.
•Document the software solution comprehensively on the wiki
•Work closely with cross-functional teams to troubleshoot and resolve automation-related issues
•Collaborate with the team to identify and implement opportunities for further automation in software development and deployment
•Demonstrate strong organizational abilities and quick integration into the team, balancing collaboration and independent work
•Exhibit strong critical thinking skills, assessing situations, identifying potential issues, and proposing alternative solutions
•Embrace challenges and changes with a positive attitude, showcasing adaptability in the face of evolving project requirements
•Provide and receive feedback in a constructive manner, fostering a collaborative and growth-oriented team environment

Key Requirements
• The successful candidate should be working towards a Bachelor's degree from an accredited university or college in Computer/Systems/Mechatronics/Electrical Engineering or an equivalent field
•In-depth knowledge and experience in software development.
•Proficient in C and real-time embedded software.
•Proficient in Python and shell scripting.
•Experience in DevOps software environments, including Git, Bitbucket, Jira, Jenkins, and Artifactory
•Excellent written and oral communication skills
•Ability to work 40 hours a week in a hybrid environment for the duration of the internship, with **at least 2 days per week in the office.**

Preferred Qualifications
• Familiarity with Docker and containerization technologies
•Experience with additional programming languages beyond C and Python (OOP-based)
•Knowledge of software security practices and methodologies
•Previous involvement in open-source projects or contributions
•Exposure to automated testing frameworks and tools
•Participation in hackathons or coding competitions

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/en-US/Careers/job/Toronto/Software-Analyst-Intern--12-or-16months-_R1009576

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.