Job Posting: 176723 - Position: S26 Embedded Developer Intern, Software in the Loop (Summer/May 2026, 12 - 16 Months) 176723

Co-op Work Term Posted:	2026 - Summer
App Deadline	01/14/2026 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	01/07/2026 03:53 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Geotab
Address Line 1	2440 Winston Park Dr
City	Oakville
Postal Code / Zip Code	L6H 7V2
Province / State	ON
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
<b> Job Title <b>	S26 Embedded Developer Intern, Software in the Loop (Summer/May 2026, 12 - 16 Months) 176723
Position Type	Co-op Position
Job Location	Oakville, ON
Country	Canada
Duration	12 or 16 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	0.0 per hour for 0 Major List
Salary Range $	$24 - $33 CAD
Job Description	

Who we are:

Geotab ® is a global leader in IoT and connected transportation and certified "Great Place to Work™." We are a company of diverse and talented individuals who work together to help businesses grow and succeed, and increase the safety and sustainability of our communities.

Geotab is advancing security, connecting commercial vehicles to the internet and providing web-based analytics to help customers better manage their fleets. Geotab's open platform and Geotab Marketplace ®, offering hundreds of third-party solution options, allows both small and large businesses to automate operations by integrating vehicle data with their other data assets. Processing billions of data points a day, Geotab leverages data analytics and machine learning to improve productivity, optimize fleets through the reduction of fuel consumption, enhance driver safety and achieve strong compliance to regulatory changes.

Our team is growing and we're looking for people who follow their passion, think differently and want to make an impact. Ours is a fast paced, ever changing environment. Geotabbers accept that challenge and are willing to take on new tasks and activities - ones

that may not always be described in the initial job description. Join us for a fulfilling career with opportunities to innovate, great benefits, and our fun and inclusive work culture. Reach your full potential with Geotab. To see what it's like to be a Geotabber, check out our blog and follow us @InsideGeotab on Instagram. Join our talent network to learn more about job opportunities and company news.

Who you are:

We are always looking for amazing talent who can contribute to our growth and deliver results! Geotab is seeking an Embedded Developer Intern for Software In the Loop (SIL) team who will be primarily responsible for analyzing, writing and validating code for scalable automated testing of Geotab's telematics devices. If you love technology, and are keen to join an industry leader - we would love to hear from you!

What you'll do:

As an Embedded Developer Intern for SIL, your key areas of responsibility will be data mining, data analysis, testing and tool implementation, mainly using Python and Go Lang, to drive robust testing of our embedded products. You will also help to maintain and improve existing testing tools and processes to ensure new releases perform as expected. You will need to work closely with other embedded developers, engineers, and internal technical teams.
To be successful in this role you will be a collaborative problem-solver, self-learner, with strong communication skills, and have the ability to work effectively within a technical team. In addition, programming skills in Python and/or Go Lang are required. The successful candidate will also be able to manage development priorities to ensure timely and high-quality results.

The opportunity:

•8 - 12 month work-term beginning May 2026.
•Full-time, paid internship: Monday - Friday, 37.5hrs/week.
•Your first week at Geotab begins with 'GEO Launch' - a one-week Employee Orientation. Click here to learn more!
•Learn more about the Geotab Campus Program here.
•This posting is for an existing vacancy.

How you'll make an impact:

•Perform Data Mining and Data Analysis activities of large and complex telematics datasets required by the Software In the Loop simulation framework.
•Develop an understanding of the Geotab embedded devices (such as GO Tracking Devices, GO Focus dashcams, and GO Anywhere asset trackers) and how they work.
•Perform software development of product testing infrastructure for our embedded products using Go and/or Python.
•Practice test driven development, writing unit, integration and system tests for our infrastructure and embedded products
•Write SQL queries and Python scripts on data from Google BigQuery to determine infrastructure health and effectiveness of new functionality.
•Keep up-to-date documentation.
•Strong verbal and written communication skills.
•Highly organized and able to manage multiple tasks and projects simultaneously.
•Ability to work well under pressure and respond to multiple fast changing priorities.
•Strong team-player with the ability to engage with all levels of the organization.
•Entrepreneurial mindset and comfortable in a flat organization.
Job Requirements

What you'll bring to the role:

•Completing a Bachelor's degree in Software, Electrical, Mechatronics, Computer Engineering or a related field.
•Well versed in scripting languages (e.g. Python) for automation purposes is highly valued.
•Basic knowledge of embedded systems and firmware development concepts.

•Basic knowledge of OOP languages and concepts and version control systems (e.g., Git).
•Comfortable with simulation and Big Data datasets.
•Experience with Agile methodologies such as SCRUM is a plus.
•Familiarity with containers (e.g. Docker) and automated testing is a plus.
•Excellent verbal and written communication skills.
•Strong team-player with a positive attitude who prioritizes respectful communication.

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://job-boards.greenhouse.io/internshiplist2000/jobs/5014189008

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.