

Job Posting:166688 - Position: S25 Embedded Developer Intern, Vehicle Data Firmware 166688 E2

Co-op Work Term Posted:	2025 - Summer
App Deadline	02/18/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	02/18/2025 10:09 AM
Job Posting Status:	Expired

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	2025 - Summer
 Job Title 	S25 Embedded Developer Intern, Vehicle Data Firmware 166688 E2
Position Type	Co-op Position
Job Location	Oakville, ON
Country	Canada
Duration	12 or 16 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	Salary Not Available, 37.5 Major List

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 who will assist in further developing our telematics device as well as assisting in the development of the next generation of telematics devices. If you love technology, and are keen to join an industry leader - we would love to hear from you!

As an Embedded Developer Intern your key area of responsibility will be implementing new logic into the GO device firmware, programming primarily in C and Python. You will work in one or several of many areas of focus depending on your experience including GPS, Modem, Accelerometer, Vehicle Data, Security and more. Part of this role includes utilizing Geotab's big data environment to analyze the effectiveness of changes implemented and to help troubleshoot and find issues. You will need to work closely with your colleagues on the Embedded Systems Team, as well as Solution Engineering, Software Development and key leadership stakeholders.

To be successful in this role you will have a keen eye for the details to consistently adhere to coding standards and perform peer QA and code reviews. Being inquisitive and constantly looking for a new technical challenge or to use a new tool will also contribute to your success. In addition, the successful candidate will have strong communication skills, in their technical documentation, collaboration with teammates, and with providing technical support to other Geotab teams.

- 12-16 month work-term beginning May 2025.
- 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](#).

- Support the efficient maintenance of all content within the LMS (MyLearning).
- Contribute to the enhancement of the UX for Geotabbers, managers, and partners.
- Learning Design Team support and development.
- Data reporting and analysis.
- Provides day-to-day LMS support; collaborates with hosting vendors.
- Researches, plans, coordinates, tests, and implements systems enhancements.
- Provides complex system and security administration, end-user technical support and problem solving, process flow documentation, and process change requests.
- Creates new and modifies existing complex configuration/reports to gather and report data.
- Troubleshoots moderately complex customer and system issues, including but not limited to error messages, login difficulties, access denials, data issues, and process failures.
- Develops, updates, and modifies tables to ensure data integrity and system stability, including but not limited to security and forms tables.
- Provides progress reports to inform management of project status.
- Maintains and updates processes for transferring data between LMS and HRIS systems.

How we work

At Geotab, we have adopted a flexible hybrid working model in that we have systems, functions, programs and policies in place to support both in-person and virtual work. However, you are welcomed and encouraged to come into our beautiful, safe, clean offices as often as you like. When working from home, you are required to have a reliable internet connection with at least 50mb DL/10mb UL. Virtual work is supported with cloud-based applications, collaboration tools and asynchronous working. The health and safety of employees are a top priority. We encourage work-life balance and keep the Geotab culture going strong with online social events, chat rooms and gatherings. Join us and help reshape the future of technology!

Job Requirements

- Completing a Bachelor's degree in Electrical, Mechatronics, Computer Engineering or a related field
- Strong knowledge of programming languages (C/C++) in an embedded software context.
- Well versed in modern scripting languages (e.g. Python) is highly valued.
- Familiar with data structures, algorithms, and design patterns common to embedded (resource-constrained) systems development.
- Linux development and/or knowledge is an asset.
- Strong team-player with the ability to engage with all levels of the organization.
- If you got this far, we hope you're feeling excited about this role! Even if you don't meet every single requirement, we still encourage you to apply.

•Please note: Geotab does not accept agency resumes and is not responsible for any fees related to unsolicited resumes.
Please do not forward resumes to Geotab employees.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Optional

Special Application Instructions

Apply for job here: Job Application for Embedded Developer Intern, Vehicle Data Firmware (Summer/ May 2025, 12-16 Months) at Internship List

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.