

Job Posting:172168 - Position: W26 Mapping Algorithms Analyst Co-op 172168

Co-op Work Term Posted:	2026 - Winter
App Deadline	09/15/2025 11:59 PM
Application Method:	Through Employer Website
Posting Goes Live:	08/26/2025 11:03 AM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Kardium Inc.
Address Line 1	155-8518 Glenlyon Parkway
City	Burnaby
Postal Code / Zip Code	V5J 0B6
Province / State	British Columbia
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
 Job Title 	W26 Mapping Algorithms Analyst Co-op 172168
Position Type	Co-op Position
Job Location	Burnaby, BC
Country	Canada
Duration	4 or 8 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List
Salary Range \$	\$3,650 - \$4,525 CAD per month
Job Description	

Mapping Algorithms Analyst Co-op (Hybrid) - January 2026

Req #404

Application Deadline: September 15, 2025

Your opportunity

By joining the Kardium team, you can help make a difference in the lives of millions around the world. We have developed a ground-breaking medical device for the diagnosis and treatment of the most common heart rhythm disorder, atrial fibrillation - which can cause stroke, heart failure, and other heart-related complications.

Kardium's mission is to deliver the best treatment for atrial fibrillation. To achieve this, we have developed The Globe® Pulsed Field System - we have a fantastic technical team that has developed a product with strong, unique, and customer-valued differentiators versus other solutions on the market. We have built connections with key opinion leaders who are already using the Globe System and are helping to tell our story.

We are now preparing for our upcoming commercial launch. This is an exciting and significant milestone in our journey to bring this ground-breaking technology to patients.

As a member of the Product Management team, reporting to the Product Manager - Electroanatomic Mapping, you will get hands-on experience in the development and commercialization of an innovative and complex medical device. You will have the opportunity to work closely with cross-functional teams, including Algorithm Development, Software Development, Clinical

Engineering, Biomedical Research, Marketing and UX to design improvements to our Globe software and bring new mapping features to market.

Please note, this opportunity is a hybrid work arrangement, located in Burnaby, BC.

Meaningful work you will be a part of

You will engage in activities that develop practical and transferable skills such as:

- Communicating algorithmic design guidance to the Biomedical Engineering and Software Development teams
- Performing investigations into Globe software performance on previously collected clinical data to validate newly implemented product features and inform future design improvements
- Identifying discrepancies between specified algorithmic requirements and observed behavior in the Globe software
- Staying current on electrophysiology industry trends by researching the competitive landscape to guide feature development and identify opportunities for design improvements
- Gathering user feedback to develop a deep understanding of customer needs and use cases
- Participating in software demonstrations and hands-on user feedback sessions with internal and external stakeholders
- Preparing technical documentation to support all the activities outlined above and capture the knowledge you've gained by summarizing results and recommendations

Why work at Kardium?

A meaningful Co-op/Intern term experience, working with truly innovative technology and an ambitious team, combined with:

Making a Difference: Knowing every day that you are making a difference in people's lives by helping treat a condition that debilitates millions worldwide.

Meaningful Work: Gain hands on experience working on projects that make an impact, giving you valuable experience to kickstart your career.

Team Bonding Events: Connect with peers (of 40+ Co-ops) and participate in fun team activities, social events, and monthly Co-op events.

Development & Growth: Collaborating with engaged leaders and multi-disciplinary teams who are committed to your success by mentoring and supporting your development and growth.

Innovative Projects: Be part of cutting-edge projects where you can share your ideas and learn new skills in a fast-paced environment.

Life at Kardium

What makes us a great place to work?

1. Our Purpose
2. Our People
3. Our Culture

At Kardium, we embrace diversity of background, experience, and perspective and we're committed to inclusion and equity at every level. We encourage applications from all qualified candidates who represent the full diversity of all communities.

We collaborate with Employee Resource Groups (ERGs), as volunteer-led groups who share a common dimension of diversity and come together to provide support, education, and other opportunities across Kardium. Examples of our ERGs include Women ERG, Pride ERG, Race Ethnicity & Cultural Heritage (REACH) ERG, Truth & Reconciliation ERG, Persian Community ERG, Chinese ERG, Barangay Kardium (Filipino) ERG, Brazilian ERG and Irish ERG.

As part of your application, we encourage you to note if you require an accommodation for the recruitment process (including alternate formats of materials, accessible meeting rooms or other accommodations). There will be an optional section in the application form where you can provide this information to the recruitment team.

And our employees think we are great too - check out Glassdoor to learn more!

Job Requirements

What you bring to the team

Our Kardium team is smart, creative, and passionate about creating cutting-edge medical devices to help improve people's lives.

We work within a collaborative environment based on trust and respect. And we understand that only by working together can we solve the unsolvable.

You will be successful in this role because you possess these attributes:

- Pursuing a degree in Biomedical Engineering, Computer Science or related quantitative fields
- Demonstrated exposure to biomedical, healthcare, or medical device development via coursework or practical experience
- Demonstrated strong analytical and problem-solving skills with a focus on data-driven decision-making through coursework or hands-on scientific projects
- Enthusiastic about finding innovative solutions to unforeseen challenges

- History of success working in a dynamic environment and cross-functional team setting
- Ability to take complex ideas, dissect them into simple and understandable specifications and effectively present these concepts to technical and non-technical stakeholders
- Highly organized with strong written and verbal communication skills
- Highly proactive and able to execute tasks with minimal instruction and guidance
- Prior exposure to medical physiology knowledge is an asset
- Prior exposure to producing and reviewing biomedical algorithms is an asset
- Tangible exposure to software coding is an asset

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Yes

Address Cover Letter to Hiring Manager

Special Application Instructions

Application Link:

<https://jobs.dayforcehcm.com/en-CA/kardium/CANDIDATEPORTAL/jobs/2865>

How to apply

To apply for this position, please upload three separate documents in PDF format via our Careers Page:

1. Cover letter
2. Resume
3. Most recent transcripts (to be combined in one PDF document)

Please note, there are also required questions to be completed, as a part of your overall application.

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