

Job Posting:173388 - Position: W26 Software Developer Intern, Vector Geometry 173388

Co-op Work Term Posted:	2026 - Winter
App Deadline	09/22/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	09/16/2025 02:52 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Safe Software Inc.
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
 Job Title 	W26 Software Developer Intern, Vector Geometry 173388
Position Type	Co-op Position
Job Location	Surrey, BC
Country	Canada
Duration	4 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List
Salary Range \$	\$22.50 - \$31.00/hour
Job Description	

Requisition Number: CSOFT001261

Description

- **Location:** Hybrid, based at our head office in Surrey, BC, with 2 in-office days per week.
- **Duration:** January 5th, 2026 - April 24th, 2026.
- **Compensation:** Based on experience and number of completed work terms:
 - Work Term 1 (first work term): \$22.50/hr
 - Work Term 2: \$25.00/hr
 - Work Term 3: \$27.50/hr
 - Work Term 4: \$29.00/hr
 - Work Term 5: \$30.00/hr
 - Work Term 6: \$31.00/hr

Please note that employment may be contingent upon the successful completion of a Canadian criminal record check.

Software Developer Intern, Vector Geometry

Safe Software is looking for a Software Developer Intern to join our Vector Geometry team. This is a four-month, full-time placement (with the possibility of an 8-month extension).

Our co-op placements provide opportunities for hybrid/on-premise work at our office in Surrey, BC, Canada. To ensure the best onboarding and mentorship experience, interns are required to work on-premise at least 2 days per week, with the flexibility to work remotely for the remaining 3 days.

About The Team

The Vector Geometry team is responsible for developing and maintaining the core geometry model and implementing 2D and 3D spatial transformations. These components are integral to FME, powering complex workflows and supporting the analysis and transformation of spatial data. You'll work alongside software developers, QA analysts, and co-op interns in a collaborative environment focused on innovation and quality.

What You'll Be Doing

As a Software Developer Intern, Vector Geometry, you'll have the opportunity to:

- Collaborate within a team of developers and QA members to deliver high-quality solutions.
- Participate in daily stand-ups, design discussions, and technical meetings.
- Write, debug, and maintain efficient C++ code.
- Analyze issues and provide feasible resolutions.
- Develop technical documentation for code implementation.
- Test your code and create automated test cases.
- Explore and apply new technologies relevant to planned features.
- Learn and refine best practices for software development and algorithm design.

What You Can Expect

When you choose an internship with Safe Software, you're also choosing...

- **Meaningful Work:** Be a part of the solution. Get involved in hands-on projects that matter to you (and us) that challenge your critical thinking and help take your skills to the next level.
- **A Supportive Environment:** Feel empowered to share your ideas and implement them with high autonomy and support.
- **Mentorship:** Learn from a team of experienced mentors and technical leaders who will support your development. 1 in 4 of our current staff started as student interns!
- **Social Responsibility:** Become a part of an organization that finds meaningful ways to give back.
- **Work-Life Balance:** There's no place for burnout at Safe. Maintain a healthy balance of your personal and work life without splitting yourself in two. Student interns enjoy 4% vacation pay to allow for flexibility for time off during your term.
- **Fun:** Participate in team building activities to let loose and have fun! Check out our Takeover Tuesday and #LifeAtSafe Instagram highlight reels to see what a work term at Safe is like.
- **Shared Success:** Share in Safe's success with our bi-annual profit sharing.
- **An Accessible Commute:** Regardless of your commute method, we're located close to public transit, and provide complimentary parking and bike storage for our team!

About Safe Software

Safe Software transforms organizations with FME, the only All-Data Any-AI Enterprise Integration Platform connecting all your data, anywhere, at any velocity. With over 30 years of expertise and 25,000+ enterprise customers across 125+ countries, we simplify your data journey, wherever it leads.

Founded in 1993, Safe is headquartered in Surrey, BC with over 200 team members and counting. We're always looking for talented individuals with diverse backgrounds who are determined to learn and grow. Are you ready to join the team?

Our Commitment to Diversity and Inclusion

Safe Software is an equal opportunity employer and we truly believe that innovation and strength begin with diversity and inclusion. We welcome all candidates regardless of race, gender identity or expression, sexual orientation, age, ability, disability, national or ethnic origin, political belief, religion, or family status. Should you require accommodations during the recruitment process, please contact hr_dept@safe.com.

Job Requirements

Qualifications, Skills, and Competencies

At Safe Software, we value curiosity, collaboration, and a passion for technology. People who thrive in this role typically bring experience with the following:

- Experience with C++ programming and object-oriented design.
- Understanding of algorithm design and debugging techniques.
- Enthusiasm for problem-solving and creating efficient solutions.
- Ability to communicate and collaborate effectively in a team environment.
- Strong organizational skills to prioritize tasks and manage projects.
- Motivation to learn new technologies and apply them effectively.

Bonus Skills (Nice to Have)

These aren't required, but they can help you ramp up more quickly:

- Familiarity with tools like Git, Visual Studio, and Jira.
- Exposure to geometry processing or spatial data algorithms.
- Knowledge of debugging ill-conditioned problems.
- Understanding of software development methodologies like Kanban.
- Interest in mathematics or computational geometry.

Not sure you meet every requirement? That's okay - we'd still love to hear from you. Use your cover letter to highlight your transferable skills, willingness to learn, or how your unique experience could be a great fit for this opportunity.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Optional

Address Cover Letter to Hiring Manager

Special Application Instructions

Please upload your application in PDF format only.

- **Required:** Resume and Transcript
- **Optional (but encouraged):** Cover Letter

In your cover letter, feel free to tell us:

- Why you're excited about working at Safe Software.
- How your unique background or potential aligns with the role-even if you don't check every box.

Tip: Many of our best co-op hires stood out through their curiosity, enthusiasm, and values-even if they were still developing technical skills.

This posting will remain open until the deadline listed above. We encourage you to apply by then to ensure your application is considered. We'll review all applications after the deadline, and will contact shortlisted candidates directly to arrange interviews.

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://recruiting.ultipro.ca/SAF5000SFSW/JobBoard/1a0223b9-a8a0-4790-ab46-](https://recruiting.ultipro.ca/SAF5000SFSW/JobBoard/1a0223b9-a8a0-4790-ab46-bf6f3606be98/OpportunityDetail?opportunityId=7e02f7b8-fdc2-4b4e-b727-8ce56ebbf4)

[bf6f3606be98/OpportunityDetail?opportunityId=7e02f7b8-fdc2-4b4e-b727-8ce56ebbf4](https://recruiting.ultipro.ca/SAF5000SFSW/JobBoard/1a0223b9-a8a0-4790-ab46-bf6f3606be98/OpportunityDetail?opportunityId=7e02f7b8-fdc2-4b4e-b727-8ce56ebbf4)

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.