

Job Posting:166998 - Position: S25 Embedded Test Engineer Co-op 166998

Co-op Work Term Posted: 2025 - Summer
App Deadline 02/19/2025 09:00 AM
Application Method: Through UBC Science Co-op
Posting Goes Live: 02/12/2025 01:04 PM
Job Posting Status: Expired

ORGANIZATION INFORMATION

Organization Stryker
Address Line 1 8329 Eastlake Drive, Unit 101,
City Burnaby
Postal Code / Zip Code V5A 4W2
Province / State British Columbia
Country Canada

JOB POSTING INFORMATION

Placement Term 2025 - Summer
** Job Title ** S25 Embedded Test Engineer Co-op 166998
Position Type Co-op Position
Job Location Burnaby, BC
Country Canada
Duration 8 months
Salary Currency CAD
Salary 5000.0 per month for 40 Major List
Salary Range \$ \$50-55k range.
Job Description

Position: Embedded Test Engineer Co-op

Department: EndoBU - R&D Test

General Description:

You will be joining Stryker Endoscopy's R&D Test team. We partner closely with Design & Development to experiment with early prototypes and vet out products throughout the design process. What this really means, is we get to be the Mythbusters of our division. Just like the show, we quickly design, build, and code fixtures or scripts to simulate real life situations. This experimentation is mission critical so we find the issues when we can solve them and prevent them from impacting our customers and ultimately patients. You will directly be making healthcare better.

As an Embedded Software Test Engineer Co-op, we'll need you to consider the software, firmware, and hardware together. Many of our products have a limited user interface, so you'll need to use the command line, log files, and physically probe to test the system. In addition to this hands-on test development and automation, you will also contribute to design verification for the SW/FW on the product: from the test plan, writing protocols and test cases, presenting defects, and ultimately writing test reports that are included in regulatory submissions. Communication and coordination are essential skills as you will share and/or coordinate samples, test execution, test results, and timelines with a cross-functional project team. As part of the co-op program, you'll be paired with an onsite technical mentor and gain exposure to the full product development cycle.

Team description

In addition to your project team, you will be a part of Endoscopy's R&D Test team. We are a diverse, close-knit team of twenty-five engineers, specialists, and managers. Our experience ranges from <1 year to 35+ with technical specialties including sterilization

reliability, mechanical, electrical, software, and optics. Our team is located in Burnaby, BC, San Jose, CA, and Flower Mound, TX with additional partners around the globe. We are often described as hard-working, analytical, and collaborative by others. If this sounds like you and you have the magic ability to break things - we want you!

Job Requirements

Required QUALIFICATIONS & Skills:

- Working towards a Bachelor's degree (B.S.) in Electrical Engineer, Computer Engineering, Software Engineering, Computer Science, Biomedical Engineering, or equivalent
- Excellent analytical skills
- Demonstrated software problem-solving skills
- Exhibit initiative, dependability, independence, motivation, and be detail-oriented

Preferred QUALIFICATIONS & Skills:

- Test engineering experience in medical device industry or other regulated industry
- Execute all levels of testing (System, Integration, and Regression) to detect and track software/hardware defects, inconsistencies, and performance issues
- Experience in debug, troubleshooting, and failure analysis investigation
- Ability to build collaborative relationships quickly
- Familiarity with common software test principles and methodologies (SDLC, Agile, Waterfall, black box, white box, gray box, etc.)
- Strong technical writing skills
- Automation or scripting experience: preferably LabView, python, and/or Arduino

Citizenship Requirement N/A

APPLICATION INFORMATION

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|--------------------------------|---------------------------|
| Application Procedure | Through UBC Science Co-op |
| Cover Letter Required? | Yes |
| Address Cover Letter to | Liya D Souza |