## Job Posting:170879 - Position: F25 Software Design Engineer Co-op, R&D 170879

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| **Co-op Work Term Posted:** | 2025 - Fall |
| **App Deadline** | 06/27/2025 09:00 AM |
| **Application Method:** | Through UBC Science Co-op |
| **Posting Goes Live:** | 06/20/2025 10:38 AM |
| **Job Posting Status:** | Approved |

## ORGANIZATION INFORMATION

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| **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

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|---|---|
| **Placement Term** | 2025 - Fall |
| **\<b\> Job Title \<b\>** | F25 Software Design Engineer Co-op, R&D 170879 |
| **Position Type** | Co-op Position |
| **Job Location** | Burnaby, BC |
| **Country** | Canada |
| **Duration** | 8 months |
| **Salary Currency** | CAD |
| **Salary** | 50000.0 per year for 0 Major List |
| **Salary Range $** | 50,000-55,000 |
| **Job Description** | |

**Who We Are**

Stryker Endoscopy is looking for a Software Design Engineering Co-op to join our R&D team in Burnaby, BC.

**Who We Want**

• **Analytical problem solvers.** People who seek to identify root causes, evaluate optimal solutions, and recommend comprehensive upgrades to prevent future issues.

•**Dedicated achievers.** Relentless about quality, people who thrive in a fast-paced environment and will passionately work to ensure a project and product satisfies customer needs and meets regulations and expectations.

•**Curious learners.** Engineers who seek out practical methods and information to expand and enhance their ability.

•**Challengers.** People who seek out the hard projects and work to find just the right solutions.

•**Teammates.** Partners who listen to ideas, share thoughts and work together to move the business forward.

**What You Will Do**

• Design, develop, enhance, and test software for medical and connectivity products for R&D department.

•Write efficient and well documented code.

•Debug and troubleshoot software defects and issues.

•Closely work with peers in software engineering, test and project & product management to develop software that meets customer and system requirements.

•Contribute to documentation and technical specifications.

•Learn and apply, defined design practices and sound software engineering principles to ensure development of safe, robust, and user-friendly products

## Job Requirements

**What You Need**

Required

• Bachelor's or Master's degree in Software Engineering/ Computer Science or related discipline
•Demonstrated skills in programming languages and Microsoft technologies - C/C++, C#, .Net, C#, WPF, Multi-threading, and communication protocols with .Net Framework 4.0/4.5 & .Net Core, Windows & Web Application along with knowledge of object-oriented design, design patterns, data structures and algorithms
•Knowledge of communication interfaces like - Serial/RS232, Ethernet, Wi-Fi, Win32 API to interact with OS, Bluetooth and communication protocols like - UART, CAN, CAN-Open, TCP/IP, UDP•Hands on experience in using software development tools like - Compilers & Interpreters (Ex. GCC, Visual Studio), debuggers (Ex. GDB)
•Knowledgeable on tools for static/dynamic analysis, memory management and code coverage
•Knowledge of tools used for project tracking & defect management (Ex. JIRA), requirements management (Ex. Jama, Integrity), configuration management (Ex. Git/Gitlab, Bitbucket, Perforce)
•Cumulative 3.0 GPA or above

Preferred

• Knowledge in Python, QT, Shell Scripting, Batch File

**Citizenship Requirement**          N/A


# APPLICATION INFORMATION

**Application Procedure**          Through UBC Science Co-op
**Cover Letter Required?**          Yes
**Address Cover Letter to**          Hiring Manager