RGF HR Agent India

Embedded Software Engineer (electron microscope equipment)

2-year training in Japan!

募集職種

人材紹介会社
RGF Select India Pvt. Ltd

求人ID
1559480

業種
ソフトウエア

雇用形態
正社員

勤務地
茨城県, ひたちなか市

給与
400万円 ~ 600万円

勤務時間
09:00-17:30 Mon-Fri

休日・休暇
Saturday, Sunday

更新日
2026年02月11日 06:00

応募必要条件

職務経験
3年以上

キャリアレベル
中途経験者レベル

英語レベル
ビジネス会話レベル

日本語レベル
ビジネス会話レベル

最終学歴
大学卒： 学士号

現在のビザ
日本での就労許可は必要ありません

募集要項

■You will be responsible for developing embedded and application software (operation GUI, electron optical system control, high-precision stage control, vacuum exhaust control, real-time image processing, etc.) that controls electron microscopes in the Analysis Software Design Department of the CT System Product Headquarters.
■Our electron microscopes use electron beams with wavelengths shorter than that of light to observe fine structures that cannot be observed with optical microscopes, and are used in a wide range of fields, from inorganic materials such as metals, ceramics, and semiconductors to polymers and biological tissues.
■We create added value for electron microscopes by utilizing the embedded and application software developed by our department. In addition to the embedded software that controls electron microscope equipment, for example, we use image

analysis during the manufacturing process to inspect for abnormalities, and in addition to inspecting finished products, we also use software to predict the state of deterioration after use and compare it with the actual product.
Our electron microscopes are not only used for observation purposes, but also serve as a manufacturing partner that can be used throughout all stages of the manufacturing process. Our department plays an important role in developing embedded and application software, which adds value to electron microscopes.

・Analysis Software Design Department
The products to be developed are automated specimen testing systems used in clinical laboratories and automated biochemistry and immunology analyzers connected to these automated systems. The automated specimen testing system is responsible for pre-treating blood samples collected from patients and automatically transporting them to an appropriate automated analysis analyzer. After analysis, blood samples are collected from the analyzer and stored. An automatic blood analyzer is an analyzer that measures the amount of various components present in the blood.

スキル・資格

【Necessary Skills / Experience】

・Excellent communication skills in both Japanese business level (equivalent: N2 or higher) and English.(MUST)
・Highly experienced professional with over 10 years of expertise in implementing the entire Embedded software and IT solution Software development process, from Basic design to Detail design & Unit testing to Comprehensive testing.
・Understand I/F with other subsystems (inter-process communication, shared memory, semaphores, files, DB/tables, communication protocols) and be able to design I/F using development environments, tools, libraries, and supported languages.
・Proficiency in C programming.
・Proficiency in C++,C# programming.

会社説明