



## Test and Calibration Software Engineer

### Job Description:

Meridian Innovation is recruiting an experienced and highly energetic Software Engineer to develop test and calibration software for our infrared sensing systems. Software Engineering is a part of our integrated semiconductor chip technology. This position will involve working in a fast moving cross-discipline and highly creative environment. You will participate in every phase of a project: definition of requirements, software design & coding, testing and system integration.

The ideal candidate is a highly mobile, adaptive and forward thinking individual, able to take ownership of complex processes while executing on immediate short term deliverables. Key skills will include complex problem solving, debugging and excellent documentation. Good presentation skills, a willingness and passion to learn new technologies. Teamwork is very important to Meridian Innovation, so the ability to work well with other programmers and development staff members is critical. The candidate must possess excellent verbal and written communication skills in English and Mandarin is highly desirable.

Meridian Innovation is a well-funded start-up based in Hong Kong and Singapore, focusing on thermal imaging for commercial application. This is a unique opportunity to join our small, talented and very experienced team and help shape the future of our products.

### Basic Qualifications

- Bachelor/Master degree in EE, Mathematics, Computer Science/Engineering or equivalent 3 years of industry experience in in C programming and embedded system programming
- 3+ years of experience programming in C++ is required
- Strong object oriented approach to design and program with experience in large systems is required
- Experience with large software development projects with multiple developers using source/version control is highly desirable
- Experience developing in Visual Studio is highly desirable
- Experience testing equipment in thermal chambers is desirable
- Understanding of hardware subsystems and common peripheral buses such as I2C, SPI, USB, UART, frame grabber is desirable
- Ability to setup various tool chains, build and debugging environments and use of debugging tools like oscilloscopes, logic analyzers, etc. is very helpful
- Experience with infrared and/or visible imaging technologies, image acquisition and processing is highly desirable but not required
- Proficiency with Word, Excel, Project, Power Point
- Strong ownership and drive for success
- Proficient in English and Putonghua

**Job Location(s):** Hong Kong

**Please contact Meridian Innovation (HK) LTD:** [hr@meridianinno.com](mailto:hr@meridianinno.com)