QScint Imaging Solutions LLC

QScint is a growing technology company active in the design and development of advanced radioactive particle imaging systems. We make the world's best particle imagers which help researchers develop new and effective targeted cancer therapies, as well as study other radioactive processes. Our devices are installed in academic, government, and corporate laboratories around the world.

QScint is searching for a Software Engineer to join our small but growing team. In a small team, flexibility is a must so you will be assisting in other software-development-related tasks such as DevOps setup/maintenance and the creation/update of manuals.

Job description

As Software Engineer you will be part of a team led by the CTO. You will be responsible for developing core code and new features in a clean rewrite of the GUI for QScint's imagers and potentially other machine-control software.

Required skills and experience

- Moderate to advanced C/C++ proficiency
- Experience with Qt and QtQuick (QML)
- Ability to develop cross-platform on Windows and Linux with Qt
- Proficient using Git for version control
- At least basic experience with CMake
- Ability to communicate clearly, both verbally and in writing

Desirable skills and experience

- The *je ne sais quoi* to conduct code reviews amongst your colleagues with grace and respect
- Python experience is an advantage
- Previous experience working with image data in code
- Experience with CUDA or VTK
- Familiarity with websocket architectures

Responsibilities

- Develop the GUI for controlling QScint's imagers and interacting with their image data
- Write clean, tightly-scoped code with an emphasis on well-thought-out data structures

- Follow best practices with regards to continuous integration using appropriate Git branching strategies, automated-testing, static analysis, etc.
- Support the DevOps tasks of a small company
- Support the creation of customer-facing documents such as manuals, guides, and technical notes

Proposal

- Competitive salary and vacation
- 401(k) plan with matching, health insurance
- Become part of a small and dynamic team

Contact

Interested? Please send your resume and motivation letter to careers@qscint.com.