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medPhoton GmbH – based in the heart of Salzburg, Austria - is a young, innovative and international operating company which focuses on the development of medical devices and software in the field of X-ray imaging, image processing and radiation therapy. Our company closely cooperates with the radART Institute at the Paracelsus Medical University (PMU), and also the Radiation Therapy Department based at the University Hospital in Salzburg. This enables us to quickly and efficiently develop upcoming clinical products for patient use.

We are currently seeking to hire:

Application software developer (f/m)

as a fulltime member of our team.

Your tasks will be:

- Development, maintenance, and support for software modules used by the medPhoton ImagingRing Software System (backend, data management, user interfaces,...)
- Integration with software systems of third party cooperation partners and customers.
- Design and specification (requirements engineering) of new software systems for efficient clinical imaging and therapy.
- Documentation and quality management together with our QM team.
- Communication with international cooperation partners.
- Installation and setup of the software systems (also partly at the customers sites).

Your profile:

Essential:

- Expert knowledge of C++ and standard algorithms.
- Solid knowledge of libraries in use e.g., Qt, ITK, VTK, DCMT, ...
- Solid knowledge of versioning systems (eg. SVN) and cross platform build tools (e.g. CMake).
- Solid mathematical, geometrical and physical understanding of imaging systems and radiation therapy environment.
- Experience with robotic systems.
- Experienced use of a variety of operating systems (Windows and Linux).
- Willingness to travel (< 30%) for onsite installation and support

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- Innovative thinking.
- Autonomous and accurate working methods.
- Good English in word and writing.

Additional

- Solid knowledge of Delphi
- Solid knowledge of workflows in the radiation therapy
- Physical background of flat panel detectors, X-ray imaging, (CB)CT reconstruction
- Knowledge of electronics and low level programming (micro controller, PLC)

What we offer you:

- Continuous learning by closely cooperating with both the PMU and the university hospital.
- Flexible working times (also home office after a certain period fulltime in the office).
- Motivating working climate in our young and creative team.
- International experience from projects with our worldwide partners and customers.
- Exciting and diversified projects
- Working with innovative devices and software systems in the international field of radiation therapy

The salary on offer for this position is in the range of € 2,395.27 per month (14 times a year). (Higher salaries available depending on the entry qualifications).

If we drew your interest, please apply by sending us a motivation letter and your CV to **office@medphoton.at**.