

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 industry partners, universities and clinics all around the world. This enables us to quickly and efficiently develop state of the art clinical products for patient use.

We are currently seeking to hire a

Junior Software Engineer for our Imaging Core Group (ICG)

as a fulltime member of our team.

As Junior Software Engineer in the ICG:

- You will be working in projects in a multidisciplinary team of software developers, medical physicists, automation engineers and mechanical engineers
- You are working with image reconstruction algorithms, ranging from 2D data to 3D volumes and 4D series. This includes image processing and visualisation, 2D-3D and 3D-3D registration, auto segmentation, camera-tracking, machine learning and more
- You work with the most advanced technologies in the area of medical imaging (CBCT – cone beam computer tomography)
- You will have the opportunity to join the Medical Science Doctorate Study Program (Ph.D. Scient. Med.) at the Paracelsus Medical Private University (PMU) Salzburg in cooperation with the radART institute

Requirements:

- Highly motivated individual with an interest in medical image- and signal processing
- Experience in C++ and other object-orientated computer languages
- Know-How in vector computations (cf. game development) and 3D-geometries, memory management and pointer handling
- High proficiency in business English

Additional skills:

- Background Know-How in physics, mathematics, medicine
- Knowledge in the use of image processing libraries (e.g. VTK, ITK, DCMTK, openCV)
- Knowledge in GPU programming (e.g. CUDA, OpenCL)
- Know-How in developing cross-platform compatible software using Qt

About medPhoton employees:

- Work in one of the fastest growing, most innovative R&D driven start-ups in Austria
- Like to work creatively, independently and solve problems on their own
- Are motivated to work on innovative topics in multinational and interdisciplinary teams
- Are outcome-orientated, show passion and curiosity
- Appreciate to have flexible working times

We are obliged to stipulate the minimum in job postings. The minimum salary on offer for this position is € 1.936 per month (14 times a year). However, we pay higher salaries depending on the specific qualifications. If we drew your interest, please apply by sending us a motivation letter and your CV to jobs@medphoton.at along with links to reference work / projects if possible.

