



medPhoton is one of the most innovative companies in Salzburg. Our medical imaging solutions and products stand for the highest quality and are available at medical facilities worldwide. We develop cutting edge medical devices and corresponding software, on our Salzburg premises.

At the moment, we are looking for a

## X-RAY IMAGE PROCESSING AND RECONSTRUCTION DEVELOPER (M/F/D)

TO BE A FULLTIME MEMBER OF OUR TEAM

If you're passionate about improving the world of medical technology, looking for a job with purpose and interested in working in a super cool team, we have the right position for you!!

### JOB DESCRIPTION

- Design of algorithms for X-ray image processing and reconstruction of (cone-beam) computed tomography (CT) images
- Prototyping and production code implementation including verification and continuous integration
- Work integrated into the imaging core team on continuously improving image quality and extending our imaging-related USPs going beyond single-energy X-ray tomography
- Exploring, testing and handling our outstanding robotic imaging devices (incl. prototype technologies!) in our R&D labs
- Documentation and quality management support for the scope of your code

### YOUR ATTRIBUTES:

- Degrees in Computer Science, Maths or Sciences. (PhD / Masters / Bachelors welcome!)
- C++ knowledge and familiar with GPU programming
- CUDA skills are a plus
- Knowledge of RTK (or other reconstruction libraries) are a plus
- Experience in X-ray imaging and processing are a big plus
- Passion for innovation in the field of image reconstruction

### WHAT WE OFFER YOU!

- **A motivating work atmosphere in a young, dynamic team**
- **An exciting and varied scope of assignments customized for your skills and interests (e.g. backend services, medical format networking, databases, robotic kinematics, image processing, geometry / visualization, UI/UX...)**
- **The opportunity to grow with us, be directly involved and participate in our company's success**
- **A secure, permanent full-time contract**
- **Generous social benefits within our culturally diverse enterprise – consisting of 19 nations!**
- **Freshly-cooked meals and healthy snacks provided daily**
- **Good public transport connections and parking facilities (for both, four and two wheels) available**
- **As a family-friendly company, we are happy to support you in your daily obligations (childcare, etc.) by means of flexible working hours.**

The actual salary will be negotiated and decided based upon the individual's demonstrated qualifications, skills, and experience. According to the Austrian "Kollektivvertrag für Angestellte im metallverarbeitenden Gewerbe", the salary classification for this position is committed with "Verwendungsgruppe 3".

If this offer sounds too good to be true and a great fit for your next career goals, let us know and send us your inspiring application including a letter of motivation, curriculum vitae & references: [jobs@medphoton.at](mailto:jobs@medphoton.at)