



Software Engineer

[Terapet SA](#), a Geneva based [CERN MedTech start-up](#), is developing medical devices based on an innovative technology for imaging in nuclear medicine to bring proton therapy to the next level.

We are looking for a motivated and pro-active Software Engineer to join our small, dynamic, and passionate team.

Role: Software Engineer
Start date – Duration: As soon as possible – Permanent (100%)
Place of work: Rue du Pré-Bouvier 7, CH-1242 Satigny
Job description You will be part of the R&D-team, closely involved in the control system development and hardware-software integration of imaging devices, requiring the transfer, processing and storage of large volumes of data, in close collaboration with our systems/mechanical and electrical engineers.
Responsibilities: <ul style="list-style-type: none">• You will be responsible for the software stack of our nuclear imaging devices• Collaborating with an architectural consultant for the design of the software system• Development and testing of Class I-IIb medical device software• Implementing software for rapid system prototyping and testing• Development of internal tools for quality management• Write well designed, testable, efficient code• Working according to defined software life cycle processes• Organize and maintain software documentation
Requirements: <ul style="list-style-type: none">• Demonstrated experience in Linux, C++ and Python• Demonstrated experience in control system development or hardware-software integration• Familiarity with software engineering tools (e.g. cmake, git, docker), software development methodology and release processes• Degree in software engineering, computer science or related fields, or at least 3 years of relevant working experience• Good knowledge of English
Preferred experience: <ul style="list-style-type: none">• Linux device driver development, inter-machine communication (e.g. sockets, ZeroMQ)• Experience in documenting software requirements and specifications• Experience in medical device software development according to IEC 62304• Experience in quality and risk management systems

If you want to know more about this job, please contact us on +41 76 339 9580.

Due to Swiss work permit restrictions, we can only consider applications from Swiss nationals, EU citizens or current work-permit holders for Switzerland.

This position will be filled as soon as a suitable candidate is found. If you are interested in this job offer, please send your application (including cover letter and CV) to: recruitment@terapet.ch