



TERAPET

Next Generation Proton Therapy

Data Scientist

[Terapet SA](#), a Geneva based MedTech start-up, is developing and commercializing innovative solutions for a safer, more precise, and time-saving proton therapy for cancer treatment.

Terapet's novel medical device will, for the first time, enable medical doctors to monitor the delivered proton dose inside the patients during cancer treatment: in-vivo, non-invasively, in 3D and real-time.

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

Role: Data Scientist / Software Engineer
Start date – Duration: Latest 1 Jan 2021 – Permanent – Full-time
Place of work: Campus Biotech Innovation Park, Geneva (Switzerland)
Tasks: <ul style="list-style-type: none">• Development of software solutions for nuclear medical devices, comprising custom sensors, high-speed networking interfaces, fast parallel data processing, hardware controls• Design and development of DAQ• Testing, integration, validation, verification, building and improvement of toolchains• System optimization for performance, reliability, and safety• Technical design, development, and documentation in accordance with medical device regulations
Requirements: <ul style="list-style-type: none">• At least MSc in physics/software engineering related field with at least 3 years working experience• Fluent in English (written/oral)• Strong computer programming skills (Git, C/C++, Python) and technical writing skills• Hands-on knowledge in building complex software systems, fast data processing, multi-processing, etc.• Previous experience within nuclear medical devices (PET, CT, SPECS, MRI..) strongly valued• Industry experience and knowledge of MedTech industry standards strongly valued (ISO13485, ISO14971)

If you want to know more about this job, please contact us on +41 76 466 9139 or +41 76 339 9580.

If you are interested in this job offer, please send your application (including cover letter and CV) to: info@terapet.ch