

## Job Description

**Title: Software Engineer - Neuroradiology**

**Posted on:** 19 February, 2020

**Location:** Wyss Center for Bio and Neuroengineering, Campus Biotech, Geneva Switzerland

The Wyss Center for Bio and Neuroengineering (<https://www.wysscenter.ch/>) is a non-profit organization that translates innovations in neurotechnology into life-changing clinical solutions. We are seeking a talented and driven individual to join our growing international team of scientists, engineers and clinicians as a Software Engineer. The individual will work on the development of software for various medical / biotech applications in neuroradiology.

### Key responsibilities

- Research, architect, design and implement software for tools and interfaces in neuroradiology;
- Deliver high quality code, test and debug software systems;
- Work with Wyss Center scientists, clinicians and collaborating faculty to design and implement novel data processing algorithms;
- Develop user interfaces to allow for user-friendly systems and adoption by clinicians and radiologists;
- Design scalable system architectures for real-time data processing software;
- Manage the software along its whole lifecycle, from requirements to release, including development, risk management and maintenance, in compliance with medical software regulatory requirements, ready to be used in clinical settings.

### Required competence and experience:

- BS or MS in computer science, software engineering or related discipline with at least 5 years of work experience in related setting;
- Experience in design and development of medical software throughout the whole lifecycle, from design input requirements until deployment and maintenance of the software in the market;
- Knowledge and familiarity with medical imaging software and technology (DICOM format and PACS);
- Very strong relevant programming skills in C-style languages and Python;
- Experience with development of user-friendly applications in a multi-platform setting - GUI development is a plus;
- Excellent coding standards (commenting, documentation, version control) and ability to assess existing code against them;
- Ability to collaborate closely with colleagues and partners in a multicultural setting;
- Excellent English verbal/written communication skills, along with the ability to work well within a team environment.

### Additional useful skills include:

- Familiarity with tools for software development, software configuration management, defect tracking, and knowledge of continuous integration;
- Knowledge of security and privacy solutions in software design;
- Knowledge of Linux operating systems;
- Familiarity with software technology trends;
- Understanding of data analytics.

**To apply**, please send your **CV and a covering letter** describing your qualifications and your motivations to [HR@wysscenter.ch](mailto:HR@wysscenter.ch) no later than **Friday 10<sup>th</sup> April 2020**.