



Engineer in Application Development



Context

The Imaging facility Montpellier RIO Imaging (MRI), part of Biocampus Montpellier is going to adopt OMERO as the main solution for image storage and treatment (<http://www.openmicroscopy.org>). It will also participate in its development. OMERO is an open-source client-server software that handles scientific images in a secure central repository. It allows to view, organise, analyse and share data from anywhere with internet access, using a desktop application, a web browser or any third-party software.

MRI wants to participate in the development of OMERO taking into account local needs of the ensemble of its core facilities (720 active users over 12 sites). The adoption of such a solution is a key to the modernisation of the used tools, optimisation of resources and improvement of the quality of service provided to the research community.

The developer will work within the IT team MRI-TIGR (Technology Computer Science and Resource Management).

Activities

The selected candidate will adapt and develop OMERO according to the needs of the facility and in cooperation with the OMERO developers community.

- He will be working in collaboration with the service and network system administration team.
- He will be the preferred contact with the optical microscopy department (MRI-optique) to assess the needs of users of the facility.
- He will participate in the analysis, design and testing of the application.
- He will participate in project communication (presentation, poster, article)
- He will develop project documentation.
- He will participate in the open source project and if required, use the OMERO team communication tools (<https://www.openmicroscopy.org/site/support/contributing/team-communication.html>)

Requirements

Python and Java programming experience

Experience with client-server application development

Object-oriented and aspect-oriented programming skills

Experience with Windows, Linux, and other proprietary Unix flavours

Strong collaborative skills with an eye towards efficiency and creativity

Excellent english

Pluses

Database experience (preferably PostgreSQL)

ZeroC's ICE

Experience with image data and analysis

Experience in an open source development project

Details

We offer a temporary contract for 12 months starting on December the 1st.

The brute month salary will be up to € 2.200 depending on training and experience.

Minimum training BSC.

For any question ask us at julio.mateos-langerak@igh.cnrs.fr

Please, submit your application before october the 20th, 2014 to julio.mateos-langerak@igh.cnrs.fr