

JOB OFFER

Lab Manager - Engineer

IT management, data management and data analysis in the context of data science for brain disorders

Keywords: IT management, data management, data processing

The topic: A laboratory dedicated to data science for brain disorders

The ARAMIS lab (www.aramislab.fr) is a research team of about 50 people dedicated to the design and validation of new data science, statistical and machine learning approaches to study brain disorders. To that purpose, we rely on large datasets, which comprise hundreds to thousands of patients, and typically involve multimodal data (e.g. medical imaging, clinical data, genetics, biomarkers...). Each member of the lab is equipped with a MacBook and the lab relies heavily on centralized storage and computing facilities (high performance cluster).

The ARAMIS lab is recruiting a Lab Manager who will be in charge of IT management, data management and data processing.

Your mission

You will be in charge of the following tasks:

- IT management
 - Management of the computers, which consists of about 50 MacBooks as well as some Linux workstations. Note that you will not be directly the system administrator of all these machines (most are handled by the users) but you will be in charge of assisting users, keeping up the inventory, and performing software update and installation on the shared machines.
 - Purchasing new computer equipments in link with the researchers and the administrative assistant
 - Liaison with the central IT department of the Paris Brain Institute (including regular meetings as well as routine interaction with system administrators of the Institute)
 - Liaison with organizations in charge of large-scale computing facilities (Inria, GENCI...)
 - Assistance of team members for various IT tasks: sys admin on MacBooks, running jobs on computing clusters...
- Data management & processing
 - Gaining and maintaining access to several databases

- Downloading and organizing datasets used by members of the team
- Managing storage on a centralized file system as well as access rights
- Running processing pipelines (for instance to extract features for image analysis) in link with the researchers' needs.
- Other duties
 - Keeping up-to-date the Welcome Guide of the team
 - Webmaster of the team's website (mostly maintenance)

A vibrant scientific, technological and clinical environment

You will work within the ARAMIS lab (www.aramislab.fr) at the Paris Brain Institute (<http://www.icm-institute.org>), one of the world's top research institutes for neurosciences. The institute is ideally located at the heart of the Pitié-Salpêtrière hospital, in the center of Paris.

The ARAMIS lab, co-funded by Inria (the French National Institute for Research in Digital Science and Technology), is dedicated to the development of new computational approaches for the analysis of large neuroimaging and clinical data sets.

You will interact locally with the engineers, postdoctoral fellows and PhD students of the ARAMIS lab, as well as our medical collaborators. You will belong to a stimulating, lively and friendly environment.

Your profile

- Master or Engineering degree (applicants with a PhD will also be considered)
- Background in computer science, data science or statistics
- Interest for IT and data management
- Knowledge of Mac and Linux environments would be a plus
- Previous experience in an international or research environment would also be a plus
- Excellent relational and communication skills to interact with lab members and other people of the institute
- Good level in French and English

Salary: depending on experience

Type of contract: fixed-term contract (CDD) that may be subsequently transformed into a permanent contract (CDI)

Ready to take up the challenge?

Send your CV to jobsaramislab@gmail.com