Engineer in Software Development & Application Deployment(M/F)

Micalis Institute

We are looking for a highly motivated individual to join our dynamic research group at the MICALIS Institute (INRAE & University of Paris-Saclay), a world-class research hub with over 350 scientists working in the fields of systems and synthetic biology for health and biotechnology.

You will be involved in the first French academic biofoundry funded by the Ile-de-France Region (Paris area). The Paris Biofoundry is spread over 4 sites in Ile-de-France: DNA and Microbe Biofoundry (Sorbonne Université, Paris), Mammalian cells Biofoundry (Curie Institute, Paris), Cell-FreeBiofoundry (MICALIS Institute, Jouy-en-Josas), and Scale-Up Biofoundry (GENOPOLE, Évry).

Fixed-term contract (1 year, renewable)

Education: Engineer/Master's degree (Bac+5) in Computer Science or IT

Desired Experience: unspecified

Salary: According to experience

Start Date: As soon as possible

Missions

As a biofoundry has both computational and wet lab activities, each biofoundry has its own wet lab with hardware devices. The computational part will be managed by a Galaxy web portal. As part of our team, you will be in charge of deploying the Galaxy portal that will integrate software tools from each biofoundry.

Your key responsibilities will be to :

•Design and deploy the Galaxy portal,
•Integrate tools into Galaxy,
•Connect Galaxy to Momentum™ Workflow Scheduling Software,
•Train users.

Job requirements

•Strong programming skills in Python.
•Comfortable with IT admin and containerization deployment (Docker, Singularity…).
•Excellent communication and teamwork abilities, thriving in an interdisciplinary
•environment.
•Theoretical and practical knowledge of key statistical analysis techniques (PCA, ANOVA, t-Test, etc.) and experience with R or Python environments.
•Languages: Fluent in French and English.

Contact

Please send your application (CV + cover letter + references) to:
joan.herisson@univ-evry.fr
Location : Jouy-en-Josas.