

Open Position, Software developer for text-mining

Context

The MalAGE laboratory (INRA, French Institute for Agronomic Research) is opening a full stack developer position. The hired developer will contribute to improve [Florilege](#) and the [WheatIS](#) services. Both services integrate information from a variety of databases and from free-text processed with text-mining and ontology-based methods.

Florilege gathers information from multiple sources on microbes, their phenotypes, lifestyle and locations (PubMed, GenBank, BacDive, CIRM). WheatIS gathers information from multiple sources on wheat varieties, their genetics and their phenotypes.

Possible improvements include:

- Web service API specification and deployment
- Integration of additional data source
- Database update process
- Text-mining predictions
- User experience

The hired engineer will work within Migale a bioinformatics platform and in close collaboration with the Bibliome text-mining team. Both teams provide an excellent and pleasant work environment and host a very diverse set of skills (bioinformatics, text-mining, software development, machine-learning...).

Location

INRA research center in Jouy-en-Josas, near Paris in France.

Period

The starting date will be July 2019 for 12 months (possible extension).

Salary

The salary will be determined in accordance with the regulations of INRA that takes into account diploma and experience. The benefit package includes health insurance and employee pension, workers' accident compensation insurance, unemployment insurance, paid vacation, contribution to commute expenses.

Requirements

- Master degree in computer science, or engineering degree in computer programming
- Excellent programming skills (Java, Python)
- Strong familiarity with development tools
- An experience in Web Service (e.g. REST) and Web UI development will be appreciated
- Good technical English communication skills
- Strong teamwork ability

Application

Please send your resume, a list of two references (including the names, phone numbers and e-mail addresses) and cover letter to the three contacts:

- Claire.Nedellec@inra.fr
- Robert.Bossy@inra.fr
- Sandra.Derozier@inra.fr

References

- MaIAGE: <http://maiage.jouy.inra.fr/>
- Bibliome: <http://maiage.jouy.inra.fr/?q=fr/bibliome/>
- Bioinformatics platforms:
 - ✓ Migale: <http://migale.jouy.inra.fr/>
 - ✓ URGI: <https://urgi.versailles.inra.fr/Tools/GnplS>