



## INFRAFRONTIER GmbH – Job Advertisement

The INFRAFRONTIER GmbH is an academic non-profit organisation. It is located in Munich, Germany, at the premises of the Helmholtz Zentrum München and acts as the management and coordination office of the INFRAFRONTIER Research Infrastructure.

INFRAFRONTIER is the European research infrastructure for the development, phenotyping, archiving and distribution of mammalian models. INFRAFRONTIER provides access to unique resources and expertise to advance the understanding of human health and disease and handles requests from a global user community.

We are looking for an enthusiastic

### Database Developer m/f 2017/0003

#### Job description

- Re-engineering of INFRAFRONTIER's production-level mutant mouse strain database (EMMA database, MySQL)
- Migration of database content to new schema
- Implementation of audit trail
- Development of database health checks
- Re-engineering of public search interface using Solr indexing
- Ensuring database security, performance and service availability
- Further developing other components of the INFRAFRONTIER informatics infrastructure together with other members of the team
- The position will involve programming and interfacing with the on-site data processing service centre and with international collaborators in the INFRAFRONTIER Research Infrastructure

#### Your qualifications

- Master's or Bachelor's degree in Computer Science, Bioinformatics, or a related discipline and at least three years of work experience
- Firm knowledge of database development and database server management
- Hands-on Linux (ideally Ubuntu) and virtual machine experience
- Basic knowledge of Java web technologies (Spring, Hibernate, Advanced, Java2EE, Solr)
- Jenkins continuous integration desirable
- Experience with Ontologies, Semantic Web and mouse biology/informatics resources for data integration is a plus
- Structured working style and ability to solve problems creatively and effectively
- Ability to work in an Agile/Scrum development process
- Strong communication skills (English) and willingness to work in an international team

#### Our offer

- Work in an international and stimulating field to support biomedical research
- Diversity of academic environment paired with well-established software development process
- Possibility to leave your mark in a small and innovative team
- Further training opportunities
- Flexible working hours (on-site)
- Salary commensurate with work experience and seniority
- Initial employment contract (full-time or part-time position) for two years



Please [apply online](#)

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