Scientific/Algorithmic Software Developer, Genedata Expressionist, DE-Munich

The Position

The Genedata Expressionist® development and science teams create and maintain a scientific software product that enables full automation and standardization of the end-to-end biopharmaceutical characterization process, from discovery and development to production and quality control. Continuous progress in science drives the constant evolution of this product. Adding new scientifically involved features with every release requires a solid understanding of scientific data analysis, continued research, and prototyping of new analytical solutions. The successful candidate will have an important enabling role in this constant progress.

We are looking for a mathematically strong person who is interested in designing and implementing novel algorithms and data structures to enable the users of our Genedata Expressionist® software to quickly and effectively analyze their complex data. You will use your scientific and mathematical knowledge to deliberate and solve real-world scientific problems, which require a formal mathematical analysis and solution sketch. You will support our users by researching and developing new features and functionalities in consulting and development projects.

Moreover, you will be responsible for ensuring the mathematical and statistical correctness of our procedures and their further development. To run this portfolio of activities, you need a strong scientific/mathematical background and experience in the fields of structured data analysis and algorithm design.
This full-time permanent position is based in Munich, Germany.

Key Responsibilities

- Maintain and expand our numerical data processing module
- Design, develop, and test novel algorithms and data structures
- Optimize existing algorithms with respect to runtime and memory consumption
- Communicate internally with scientific account managers, product managers, and developers how the application can be optimized

Your Profile

- MSc or Ph.D. in Mathematics, Physics, or related field
- Excellent written and verbal communication and presentation skills in English
- Ability to collaborate in a cross-functional environment
- Strong initiative and dedication to the quality of work
- Motivated to learn writing production-level Java code
- Knowledge in Mass Spectrometry (or willingness to learn)

The Company

Genedata is an exceptional company. With over two decades of success in research informatics using closely-knit teams of scientists, developers, and business experts, Genedata has achieved steady and continuous growth since inception. As a private and majority employee-owned organization, we empower each employee to be a contributing voice in the company operations and evolution. Our collective expertise in research informatics, combined with our open and scalable computational solutions, makes us the leading software provider in discovery informatics for biotech, pharmaceuticals, and related life sciences. We are headquartered in Basel, Switzerland and have subsidiaries in the UK, Germany, US, and Japan.

About Genedata Expressionist®

Genedata Expressionist® is a comprehensive, enterprise-level software solution for mass spectrometry data processing, analysis, and management. The software addresses critical needs of research and development organizations seeking scalability and flexibility for a variety of applications, in particular in the field of biotherapeutics characterization. Genedata Expressionist enables full automation and standardization of the end-to-end biopharmaceutical characterization process, from discovery and development to production and quality control.

Are You Interested?

If you are interested in this position, please email your CV and motivation letter to recruitment@genedata.com along with the reference number **DE-EXP-MDEV.**

Genedata only accepts CVs and resumes directly from candidates. Personnel recruitment agencies need not respond.

Genedata is an Equal Opportunity Employer.

Jetzt bewerben