

CBmed is a center for biomarker research in medicine with headquarters in Graz. It links excellent research infrastructure, scientific expertise, medical knowledge, national and international industry partners for systematic medical biomarker research.

To strengthen our team in Graz, we are seeking to recruit an ambitious, committed

Bioinformatician/Data Engineer (f/m/d)

Your tasks and responsibilities:

- Develop, standardize and execute data processing pipelines (ETL) for biomedical data
- Taking on the role of a data steward, ensuring that all data activities are documented and follow the highest quality and cyber security standards
- Work together with IT team to automate ETL processes
- Work with existing relational databases and object stores (on-prem and cloud)
- Improve existing in-house web applications for data access and visualization for both in-house as well as scientific and industry partners
- Contribute to in-house python-based feature extraction pipelines for raw laboratory output (e.g. microscope images) together with data scientists
- Work together with laboratory scientists

Expected skills and abilities:

- You have an MSc (with at least 3 years of working experience in the area) in bioinformatics, computer science, or related fields
- You are experienced with python and R for ETL and data analysis
- You have experience with the Linux command line
- You have hands-on experience with relational databases, in particular MySQL
- Optional plus: First hands-on experience with Docker
- Optional plus: Experience with python for data visualization and web development

Expected soft-skills:

- Precise and reliable working: you have strong focus on delivering precise results according to specifications, including documentation of your work and delivering on time
- Independent and pro-active working style
- Good listening, communication, and personal skills to cooperate with lab colleagues
- Very good command of English, written and spoken

Optional and beneficial skills include experience with:

- Collaborative working tools (git, ticketing systems)
- Experience with biomedical data (e.g., pathology images, flow cytometry, NGS, metabolomics, microbiome, ...)

- Experience with image analysis and computer vision (including machine learning and conventional methods)
- Working in an ISO certified environment
- German language skills are a plus, but not required to thrive in this position

What we offer:

- Flexible workhours with possibility of home office
- Family-friendly environment
- Jobticket
- You will have the opportunity to work in an internationally connected company, within a young, dynamic, and international team
- Your work on improving and maintaining our data pipelines will directly impact patient well-being, both in the short-term through drug screening approaches and in the long-term through state-of-the-art biomarker research
- Opportunity to learn new tools and shape your own work experience by using the technology and tools of your choice
- We offer an unlimited contract with a minimum annual salary from € 58 000 gross based on 40 hours/week. Overpayment is possible, depending on qualifications and work experience.