

Researcher (f/m/d): Visual Computing for Big Life Science Data

VRVis is a well-known Austrian research institute in the field of Visual Computing. To support our [Biomedical Image Informatics](#) group, we are looking to permanently hire a skilled mind for the research and development of **advanced Visual Computing solutions for efficient integration, mining, and exploration of neuroscientific data in the context of pharmacological research**. By taking advantage of an existing software basis, you will work on innovative web-based visualization methods and visual analytics workflows addressing the challenges related to novel, heterogeneous, and big data resources that help accelerating target discovery for drug development. You will be embedded in and supported by an already existing team of researchers and developers and will work in close collaboration with the neuroscientific experts of our industry partner.

The ideal candidate must possess an advanced degree (MSc or PhD) in computer sciences. Candidates not yet holding a Ph.D. degree have the opportunity to enroll at our [scientific partner TU Wien](#)'s Ph.D. program. VRVis also offers attractive career paths for PostDocs.

Your main tasks will cover:

- Develop novel, as well as extend existing, neuroscientific **web-based visual analytic solutions** in close collaboration with our company partner. This will include working with novel biological data, especially in the field of Next Generation Sequencing.
- Active and self-organized communication with the domain experts, including the organization of training and user evaluation sessions.
- Publish and present your research results at international conferences and in scientific journals.
- PostDocs are also expected to contribute to the acquisition of new projects.

What you will bring to the team:

- Experience in applied visual analytics and visualization research. A feeling for good interface design would be a plus.
- Interest in neuroscientific data and research. Willingness to learn and to dive deeply into this topic.
- Good programming skills, including some experience in web interface and web-based visualization development (Javascript is required, React.js and API development would be a plus).
- English communication and (scientific) writing skills.

What we offer in return:

- Excellent professional support in an international team
- Permanent position starting asap
- Flexible working hours, home office option, well-equipped workplace
- Option of conference travel to present your work
- Location: Vienna, Austria, with easy access to office by means of public transport
- Salary according to collective labor agreement (IT-Kollektivvertrag), i.e., monthly min. 3.200,- EUR gross, and overpay depending on qualification and previous professional experience, e.g., if you have a Ph.D. degree.

Applications are welcome:

Deadline 08.Jan.2023. Selection will take place on a rolling basis. We particularly invite female candidates to apply.

Please forward your application documents including CV, reference letters or contact info of two references, and cover letter describing your research experiences, interests, and goals.

Contact

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