

JOB ADVERTISEMENT

The Complexity Science Hub Vienna is an international research institute in the area of complexity and big data science. The objective of CSH is to host, educate, and inspire complex systems scientists who are dedicated to collect, handle, aggregate, and make sense of big data in ways that are directly valuable for science and society. We are hiring a

DATA VISUALIZATION & UX/UI DESIGN SPECIALIST FULL TIME

for the development of a continuously evolving portfolio of apps and online services to interactively visualize complex datasets. The successful candidate will join an interdisciplinary group of physicists and computer scientists who use various forms of visual design and software development programs.

RESPONSIBILITIES

The main responsibilities will be the creation of interactive products that let the user experience complex data sets using state-of-the-art technology. The products are to be viewed and used in multiple platforms (desktop, app, mobile). Responsibilities include the representation and visualization of time-varying complex networks, in combination with geographic information, as well as visualizations of high dimensional data in offline and interactive online environments. In addition to design and programming skills, some knowledge in the field of large-data handling is desirable.

The successful candidate will have useful programming and analytical skills for accurate data manipulation, and use creativity and professional judgment in order to resolve design and technical challenges. He/she must be able to contribute to an interdisciplinary research environment using strong project management and communication skills working closely with team leaders and research scientists.

REQUIREMENTS

- Brilliant skills in current web programming technologies including HTML5, CSS3, and JavaScript;
- Sense for aesthetics in visual presentation;
- Education (Bachelors or Master's degree) in a relevant field is a plus, eg media communications, graphic design, or computer science;
- Nice-to-have: experience with design software such as Adobe Creative Suit, network visualization technologies such as Gephi or Cytoscape, as well as GIS data visualization;
- Experience of designing, implementing and documenting web-based applications, involving detailed design schematics and complex representation of information is a plus;
- Excellent command of English;
- Creative, proactive, self-organized, and team-oriented personality;
- Critical, open-minded and collaborative spirit.

APPLICATION

If you are excited to work in an international research environment in the heart of Vienna, we invite you to apply for this position by June 15, 2017. Please email your application material (cover letter, CV, portfolio, reference projects) ideally in a single PDF to office@csh.ac.at.

We offer a temporary contract with an initial duration of 24 months with the possibility of extension. Salary is flexible and depends on the skills. We offer a market conform salary in line with your qualifications and experience. Austrian law requires us to post the minimum salary, which is € 32,648 gross per year. The range can go up to the senior post-doc rate of the Austrian Science Fund.