



Data Scientist - Visualization

[Send](#) |
 [Save](#) |
 [Apply](#)

Employer	Complexity Science Hub Vienna
Location	Austria
Posted	November 11 2016
Discipline	Other
Position Type	Full Time

The Complexity Science Hub Vienna is a growing 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 SCIENTIST - VISUALIZATION

for the development of new methods in multilayer networks, big data analysis, ambient computing, and the visualization of complex networks, geographic information and 3D.

RESPONSIBILITIES

The main responsibilities will be the quantitative analysis representation and communication of complex data sets by state-of-the-art technology. This will include the analysis, handling, representation, and visualization of time-varying multi-layer complex networks, in combination with geographic information, as well as visualizations of high dimensional data in offline and interactive online environments. The candidate should contribute to mathematical and computational methods for handling complex systems. In addition to quantitative, analytic, and programming skills, some knowledge in the field of large-data handling, and visualization and web programming are desirable.

REQUIREMENTS

- PhD in (theoretical or computational) physics, mathematics, computer science, or a related scientific field;
- Experience in designing outstanding, appealing visualizations of complex scientific data sets;
- Experience working with software visualization technologies such as D3, and standard web technologies including HTML5, CSS, and JavaScript;
- Experience with network visualization technologies such as Gephi or Cytoscape is an advantage;
- Experience with GIS data visualization;
- Competence in handling data sets in different formats;
- Experience with standard tools of Unix-like operating systems;
- Experience with databases; experience with PostgreSQL is an advantage;
- Experience with Matlab is an advantage;
- Excellent command of English;
- Strong analytical skills;
- 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 January 15, 2017. Please email your application material (cover letter, research statement, CV, publication

list, references) in a single PDF to
office@csh.ac.at.

We offer a temporary contract with an initial
duration of 24 months. The salary follows
PostDoc rates according to Austrian Science
Fund rates.

This job comes from a partnership with Science



[Share](#)

[Apply](#)

More jobs like this

- [Full Time Other jobs in Austria](#)