

## PhD Position in Social Media Data Analytics

University of Fribourg, Switzerland

The eXascale Infolab (<https://exascale.info/>) at the University of Fribourg, Switzerland has one open Ph.D. position starting from 2017. We are looking for highly qualified individuals with a M.Sc. in Computer Science (or related areas). Candidates must have strong analytical and programming skills, a good command of the English language. The funded position is related to social media data analytics, and will be supervised by Prof. Philippe Cudre-Mauroux (<https://exascale.info/phil/>) and Dr. Dingqi Yang (<https://sites.google.com/site/yangdingqi/>).

Social media data are mainly user-generated content, which is an invaluable data source for many applications, such as business intelligence, urban computing, computational social science, etc. However, analyzing social media data is challenging, as such data are heterogeneous, sparse, noisy, and generated as fast data streams, etc. Moreover, the open data initiatives have made many urban open data available, which are often linked explicitly or implicitly to social media data via one or multiple dimensions, such as their semantics or spatiotemporal information. Efficient and effective data integration/fusion approaches are indispensable to gain insights from these data, and then to develop innovative applications. The candidate is expected to work on the related domains to design and develop innovative approaches and systems.

Salary and social benefits are extremely competitive (salaries for Ph.D. students start at 47K CHF). Ideally situated in the heart of Switzerland and at the foot of the Alps, the city of Fribourg lies on the linguistic border between the French and German-speaking parts of the country. In addition to being recognized as a first-class location for business and education, Fribourg is also a delightful and exceptional place to live and is often ranked first for quality of life in Western Switzerland (see for instance <http://bit.ly/1XoL0dt>).

If you would like to apply, please send an email with your CV, a short letter of motivation, and some recent technical write-up (M.Sc. thesis, blog post, or technical paper) to [smda\\_job@exascale.info](mailto:smda_job@exascale.info). Deadline: Jan 31, 2017.