

Doctoral Position at ETH Zurich in Computational Social Sciences

At the Chair of Systems Design, ETH Zurich, we develop data-driven models of complex social, socio-technical and socio-economic systems. We are looking for a doctoral candidate with a background in computer science. The position is fully funded for 3 years and the successful applicant will work on research questions in the field of computational social sciences. In particular, the applicant will focus on predicting and explaining large-scale social behavior using big data techniques, machine learning and network analytics.

Requirements:

- MSc degree (or equivalent) in computer science or a related field
- skills in data analytics, computer simulations, machine learning, social network analysis
- knowledge of natural language processing (NLP) tools is a plus
- excellent programming skills in scientific computing languages like Python, R or other similar languages
- experience in C/C++
- strong abilities to communicate in an interdisciplinary scientific environment

We offer excellent working conditions in a lively team and cooperations with leading institutions worldwide.

Applicants are kindly requested to submit their application (motivation letter, curriculum vitae, degrees) in PDF format online:

<https://www.sg.ethz.ch/open-positions/>

For specific inquiries, please contact Prof. Dr. Dr. Frank Schweitzer (fschweitzer@ethz.ch).