

PhD Position in Artificial Intelligence & Social Computing

under the joint guidance of

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The Social Computing Group and the Data Analytics Group jointly invite applications for a **PhD student position**. The position is fully funded for four years through the project **Exploring the socio-technical challenges and potential of human-AI teams** that is supported by the Honda Research Institute Europe¹. In this project we seek to answer questions like: How do algorithmic and human decision-making differ? What attitudes do humans have towards machine predictions? How can we best integrate artificial intelligence and machine learning techniques with teams of human experts? Collaborations with the University Hospital Zurich² and the Institute for Educational Evaluation³ will allow us to explore those questions in the domain of medical diagnostics and digital education.

Applicants should fulfil the following criteria:

- ▶ Master degree (or equivalent) in a field relevant to artificial intelligence or social computing (computer science, statistics, computational social science, engineering, natural sciences, etc.)
- ▶ Strong skills in statistical data analysis and machine learning
- ▶ Experience in programming
- ▶ Strong communication skills and an ability to work in an interdisciplinary and English-speaking international team
- ▶ Interest in the role of algorithms for society, societal aspects of machine learning, human vs. machine decision-making, the interface between humans and computers, or algorithmic auditing

Apart from the criteria above, useful skills for this position include experience with web technologies, the handling of large data sets, modelling of human behavior, or data visualization.

In return, we offer **excellent research conditions in a young team**, working at one of Europe's leading universities and located in one of the world's most livable cities. You will receive an internationally competitive salary and first-class mentoring throughout your PhD, get access to a cutting-edge research infrastructure, and benefit from collaborations with leading international researchers at the Honda Research Institute Europe.

Interested?

If you are interested in this opportunity and have a passion for research, we would love to hear from you. To apply for the position send a detailed curriculum vitae, motivation letter, publications (if available), grade transcripts, and your BSc/MSc theses as PDF files by E-Mail to hannak@ifi.uzh.ch and scholtes@ifi.uzh.ch.

Positions are available **immediately** but the starting date is negotiable. The review of applications will start on June 1st. Later applications will be considered until the position is filled.

The University of Zurich is committed to enhancing the number of women in scientific positions and, therefore, particularly invites women to apply.

¹<https://www.honda-ri.de>

²<http://www.usz.ch>

³<https://www.ibe.uzh.ch>