

## ***PhD Position at the Institute for Knowledge Technologies at the Technical University of Graz 40 hours/week***

### **Tasks:**

The Institute of Knowledge Technologies seeks a motivated doctoral student for an interdisciplinary EU-funded research project "Learning Layers." Within the framework of the project, new recommender concepts (e.g., supporting users in their learning environment) based on Social Semantic Web technologies will be developed together with the project partners and a center of excellence Know-Center GmbH.

### **Qualifications:**

- completed university diploma / master's degree in computer science, software development and business management, telematics or technical mathematics (mandatory)
- prior knowledge of Social Semantic Web, recommender systems, machine learning, information retrieval (preferred)
- programming experience with XHTML, MySQL, JavaScript, CSS, Java (mandatory)
- experience with HTML5, MATLAB, Python, R, PHP (preferred)
- teamwork and self-reliance (mandatory)
- fluent English (mandatory)

### **Interest in:**

- Social Semantic Systems, Data Mining, User Profiling, Adaptation, Personalization, Recommender Systems, Machine Learning and HCI

### **Working environment:**

- Founded in 2006, the Institute for Knowledge Technologies is the youngest Institute at the School of Computer Science. We are an interdisciplinary team of researchers with backgrounds in computer science, psychology and business administration. The IKT works closely with Know-Center, an Austrian excellence center for knowledge-based systems and applications ([www.know-center.at](http://www.know-center.at)). At our location in Graz, more than 50 highly-qualified employees and staff work in research and development under the motto "From Data to Intelligence." As a part of the network of over 100 research facilities around the world, we have numerous publications in the leading professional media every year.
- Within its initiative to increase in the proportion of women, TUG specifically urges qualified women to apply. Among individuals with the same qualifications, women will be given a priority.

### **We offer:**

- Employment level: 40 hours per week, for 36 months, starting immediately.
- Classification: B 1 under the collective agreement for university employees; the monthly minimum wage for this position is currently € 2.532,--gross (14 times a year at 40 h / w), eventually subject to increase on the basis of the rules specified in the collective agreement due to activity-specific prior experience and remuneration components specifically related to the type of work.
- Young, creative, dynamic team
- Innovative tasks
- Pleasant working atmosphere
- Opportunities for professional and personal development

### **Contact:**

We look forward to hearing from you. Please email us your application and the relevant attachments at [jobs\\_iwm@tugraz.at](mailto:jobs_iwm@tugraz.at) senden