

## Researcher – PhD Candidate in the field of Immersive Visualization (w/m/d)

Full-time 38,5 h/w, Graz

Digitalization efforts have led to massive sensor infrastructures embedded in the fabric of objects, processes and space. A growing volume of data increasingly demands the ability to access data anytime and anywhere, to be digested, often by drawing from a collective expertise before making a decision. This raises two fundamental challenges: First, current analytics tools can only offer a peephole view into the data and are not suited for situational sense-making tasks. Second, geographic separation frequently makes it infeasible for all stakeholders involved to physically participate in the tasks analysis. **Are you looking for a PhD Position in the field of Augmented and Virtual Reality? Is excellent research your passion? If so, we like meeting you!**

### YOUR TASKS:

- We are searching for a PhD Candidate – Researcher – to join a research team of 6 people working on “Data Driven Immersive Analytics”. We will apply immersive analytics, using virtual reality and augmented reality to deliver first person analytics of digital-twins in industrial applications regardless of location. The project is centered in the Area Knowledge Visualization and will be supervised by Univ.-Prof. Eduardo Veas.
- Within our research team, you will explore, prototype and experiment with immersive displays, computer graphics, and visualizations to achieve a coherent representation of abstract data from a digital twin within the real world.
- You will design the experience using novel wearable technology, and investigate the implications it has in the users’ understanding of the digital twin.

**This is your chance to make the work of fiction a reality of the future!**

Please send us your application to [career@know-center.at](mailto:career@know-center.at)

Want to learn more about working at Know Center?

Please visit [Arbeiten am Know-Center](#)

### YOUR QUALIFICATIONS:

- Masters in computer or information science, or similar discipline
- Solid background in one of the following areas and willingness to work on the others: Virtual/Augmented reality, Visual analytics, Computer Graphics, Visualization, Unity programming, Python
- Technical understanding of and interest in immersive analytics and digital twins
- Ability to work independently, think out of the box, thrive in dynamic fast-paced environments
- Ability to work as part of a team, offer advice and receive feedback
- Excellent communication skills in English (knowledge of German is of advantage)

### WE OFFER:

- Interdisciplinary research center with the opportunity to exchange ideas with researchers in the field of Trustworthy AI from various disciplines
- Cutting-edge projects in collaboration with national and international key players
- Very good work-life balance, flexible working hours and teleworking
- Exciting opportunities for professional and personal development
- Company events, health promotion, public transportation allowance

We are required by law to specify the minimum gross salary according to the collective agreement, which is for the full-time position with some working experience a minimum 3.077,00 gross per month (14 times per year). Depending on qualifications and experience we are willing to pay a higher salary in line with the market.



Individual working  
hours & home office



You-Culture and  
informal working  
atmosphere



Modern & brand  
new office



Fitness and  
health at work



Team events and  
networking  
possibilities



Dynamic, creative and  
multicultural team



Career and  
development