

# PhD student (f/m/d) in the field of language education and virtual reality - full-time, fixed term -

📍 Augsburg

🏠 Präsenz / Mobil

🎓 Berufserfahrung

💡 Forschung, Entwicklung, Lehre

🕒 Teilzeit

📅 Publizierung bis: 21.02.2026

# 1144



With 8,000 students and over 700 employees in teaching, research and administration, the Technical University of Applied Sciences Augsburg is an important economic booster and innovation hub for the region. Together we shape the world – creatively, meaningfully and shaping the future.

The Technical University of Applied Sciences Augsburg is looking as soon as possible for a

**PhD student (f/m/d) in the field of language education and virtual reality - full-time, fixed term -.**

The DFG project "AI-supported, VR-based competence acquisition for future specialists in the field of German as a technical and professional language" addresses key requirements in vocational training and language didactics for future specialists with a migration background using VR and AI. The project investigates the effectiveness of

scaffolding and AI chatbots in realistic professional scenarios (e.g., metal and welding technology). The findings will be used for direct application and implementation in vocational training curricula and will contribute to improving the design principles of future immersive learning opportunities.

## Your tasks

- Technical development and implementation of a VR-based learning environment
- Integration of AI-driven learning modules
- Creation of industry-specific virtual reality scenarios
- Dissemination of results through publication of scientific papers
- Contribution to academic self-organisation and teaching
- Work on one's own qualification (dissertation)

## Your profile

- An excellent university degree (Master's, Diploma, or equivalent) in Computer Science or a related technical field (e.g., Interactive Media Systems, Virtual Reality Development, Software Engineering)
- Demonstrable expertise in VR development, preferably using Unity 3D
- Interest in or experience with LLM framework
- Affinity for digital learning environments and knowledge of design principles for immersive media
- Proficiency in English and German
- Excellent communication skills for collaboration with researchers, language educators, and industry partners
- Ability to work independently and collaboratively in a multidisciplinary team

## Our offer

At the Technical University of Applied Sciences Augsburg, we attach great importance to the working atmosphere: open communication and mutual respect shape our culture. We value you, your opinion and your expertise. The Technical University of Applied Sciences Augsburg actively promotes equality for all employees. We therefore welcome applications from all interested parties, regardless of cultural and social background, gender, age, religion, ideology, disability or sexual identity.

Further general conditions:

- 36-month fixed-term as a project-based position, with attractive remuneration – depending on qualifications, max. in salary group EG 13 (TV-L)
- Meaningful, varied, and challenging tasks, as well as a collegial and appreciative working atmosphere
- Centrally located workplace with very good transport connections
- Modern work equipment
- Comprehensive training and further education opportunities
- Flexible working time models and mobile working after training
- Company health management offers

Severely disabled applicants (f/m/d) will be given preference if they otherwise have essentially the same suitability, ability and professional performance.

Do you want to become part of our team? We look forward to receiving your application with a cover letter, CV and certificates. Please apply up to and including **21.02.2026**.

THA – Mach es zu deiner Realität

