



The **Chair of General Management and Information Systems** is offering a full-time position as

Research Assistant (m/f/d) in Information Systems

starting as soon as possible.

The Institute for Enterprise Systems (InES) at the University of Mannheim is seeking to fill a position for a research assistant in salary group TV-L E 13 (100 %) as soon as possible. The position is provisionally limited to three years. An extension for a further 12 months is possible. The possibility of a doctorate is given and desired.

The Institute for Enterprise Systems (InES) at the University of Mannheim conducts interdisciplinary research. Under its umbrella, scientists from the fields of business informatics, computer science, and business administration conduct cross-faculty research in projects with global companies, SMEs, start-ups and other research institutions. This environment enables academic staff to gain valuable practical experience and an excellent network of contacts in science and practice during their doctoral project.

The 'AI-Avatars' project is a joint project with two industry partners. The project focuses on the automatic creation of human three-dimensional avatars. The AI-Avatars project aims to significantly increase the effectiveness of avatar creation and customisation through the use of artificial intelligence technologies and to reduce the cost of creation in order to develop a novel software service for the dynamic creation and customisation of avatars. By integrating large language models (LLM) and large vision models (LVM), the limitations of current technologies are to be overcome and cost-effective, quickly customisable avatars with a user-friendly interface and functions for measuring user success are to be designed and implemented.

Your tasks include:

- Conducting technology-oriented research on the topic of AI-Avatars;
- project work in an interdisciplinary research project with industry and science;
- independent topic design and research activities with the aim of obtaining a doctorate;
- the preparation and submission of publications to international conferences and specialist journals;
- support in the preparation and implementation of teaching tasks.

The **University of Mannheim** is one of the leading universities in Germany with approximately 12,000 students in five schools. Particularly in business and economics as well as in the social sciences the university ranks among the top institutions both at national and international level. More than 2,600 employees profit from an exciting work environment with numerous benefits.

The team of approximately 10 members at the Chair of Information Systems focuses on advancing theories and methods for designing information systems and IT infrastructures, with particular emphasis on emerging technologies and their applications. Our research areas include software platform ecosystems, cloud computing, lean and agile software development, digitalisation, healthcare IT and AI, human-computer and human-AI interaction and anthropomorphism, and social identity. Across all our projects, we aim to bridge the gap between theory and practice, using empirical studies to create software-supported tools and methods that align with real-world needs.

Key information

Start: As soon as possible

Term: 3-4 years

Remuneration bracket: E 13 TV-L BW

Weekly hours: 39,5 hours,
the position is generally suitable for job sharing

Location:
University of Mannheim, L15 1-6

Application deadline:
31 Dezember 2024

Your profile:

- We are looking for a highly motivated, reliable and team-oriented person to participate in the AI-Avatars project;
- with an above-average Master's degree in business informatics, data science, computer science, business and technology, engineering, or a comparable course of study;
- with strong programming skills;
- with enthusiasm for interactions at the human-technology intersection;
- with very good English skills;
- with strong analytical thinking skills.

What we offer:

- The opportunity to participate in important research projects with leading industry partners and to implement your own ideas;
- an excellent working atmosphere in a motivated and success-oriented department with close supervision;
- a high degree of independence and responsibility within the team;
- structured further training opportunities in university research;
- a place of work in the immediate vicinity of Mannheim Central Station;
- international conferences.



Flexible work time and
workplace models
(flexitime, telework)



International
orientation



30 vacation days plus
paid leave at
Christmas/New Years
Eve

Applications from persons with a disability (minimum 50 %) are given preferential consideration provided that they are appropriately qualified. The University of Mannheim is committed to increasing the quota of women and thus encourages women with appropriate qualifications to apply.

If you are interested in applying, please send your application documents via e-mail **by 31 December 2024 at the latest:**

mateja@uni-mannheim.de

If you have any questions about the position, please contact
Deborah Mateja & Rosa Holtzwardt at

mateja@uni-mannheim.de

Data protection

Please find detailed information on the collection of personal data from the data subject according to Article 13 GDPR on the university's homepage:
www.uni-mannheim.de/datenschutz-bei-bewerbungen.

Submitted application documents will only be returned if you enclose a self-addressed stamped envelope. Otherwise, they will be destroyed in accordance with current data protection law after the application procedure has ended. Electronic applications will be deleted accordingly..

If you apply by e-mail, please note that protection of confidential data cannot be guaranteed as unauthorized third parties might gain access to unencrypted e-mails during transmission.