

# SPACE FOR YOUR TALENT.



The world is changing at an ever-faster pace. At the Johannes Kepler University Linz, we work on technologies and the ideas of tomorrow on a daily basis. At the same time, we educate over 24,000 young people to meet the demands of today's job market. In short, we are Upper Austria's largest institution for education and research. Are you interested in being a part of shaping the future of Austria's most attractive campus university? We currently have a job opening for a:

## **Project staff member - pre-doc, with diploma/master's degree (full-time / or two positions in part time)**

### **Joint LIT Research Project "AI SEARCH AUDIT" of the Institute of Innovation Management & Institute of Business Informatics - Software Engineering**

The AI-SEARCH AUDIT project pioneers the development of a system to evaluate AI-powered search tools (e.g., ChatGPT, Scite, SciSpace, Elicit, or Bing) used in evidence synthesis, such as systematic reviews and meta-analyses. By identifying the strengths and limitations of these tools—focusing on bias, reliability, and result integrity—the project plays a key role in advancing the field. Its core outcome, a platform for ongoing testing and comparison of emerging AI search systems, aims to support thousands of researchers worldwide by enhancing the speed, reliability, and trustworthiness of evidence synthesis projects.

#### **Starting date: as soon as possible (for 2 years)**

#### **Job Duties:**

- Motivated to contribute to cutting-edge research at the forefront of AI software testing in academic literature search.
- Independent research and high level of self-organization
- Project results should be published – in collaboration with supervisors – in peer-reviewed, high-quality journals and international conference proceedings
- Project results can form the basis of a dissertation

#### **Your Qualifications:**

- A relevant diploma or master's degree (preferably in business informatics, computer science, or related fields)
- A high interest and curiosity in testing AI models in new ways
- Proactive mindset with a strong focus on results
- Relevant knowledge and experience in the field of software engineering or software testing
- Very good English language skills (level B2+), a high proficiency in German is an advantage

#### **What We Offer:**

- On the basis of full-time employment (30 hours/week), the minimum salary in accordance with the collective agreement is €2.786,10 gross per month (14x per year for 30 hours/week, CA Job Grade: B1)
- High degree of research time
- Close collaboration with an internationally well-regarded research team
- Possibility to work on the dissertation as part of the project and obtain a doctorate
- The opportunity to visit and present at international research conferences
- Stable employer
- Attractive campus environment with good public transportation and broad range of on-campus dining services
- Attractive continuous educational opportunities
- State-of-the-art research infrastructure and dynamic research environment
- Exercise and sports classes (USI)
- ...and much more

**Application Deadline:** applications are reviewed on a rolling basis.

The Johannes Kepler University wishes to increase the proportion of academic female faculty and, for this reason, especially welcomes applications by qualified women. If applicants are equally qualified, a woman will be given preference for this position. The university welcomes applications from qualified applicants with physical disabilities. These applications will be given special consideration.

#### **How to Apply:**

Prospective applicants interested in the multifaceted position are requested to electronically send an application in adherence to the stated criteria together with the requested documentation (at least CV, letter of motivation, relevant certificates) via mail to [michael.gusenbauer@jku.at](mailto:michael.gusenbauer@jku.at). For questions, please also contact this email address.