

Student Assistant (HiWi) position (m/f/x)

Work duration: up to 10 hours/week (can be flexible), for the duration of one semester (initially), which could be extended

Workplace/Department: Department of Computer Science

In his newly-established group focused on user-centered learning sciences and technology research, Professor Tomohiro Nagashima is looking for 1-2 Student Research Assistants (HiWi) who can support new exciting research on learning technology and learning sciences. For more information on Prof. Nagashima's work, please visit: <https://tomonag.org/>. The student assistants will work on various aspects of one or more of the current and future projects below:

- Designing for and supporting student learning of 21st-century skills and adaptive expertise (e.g., self-regulated learning) using intelligent technologies
- Using new technologies to design and develop engaging learning activities (e.g., educational games)
- Understanding cognitive and other aspects of human learning using quantitative and qualitative data on student learning
- Designing engaging learning activities and technologies with children, pupils, school teachers, and parents

Job requirements and responsibilities:

The student assistants will work on one or more of the following; the actual task will be determined and discussed during the interview/after the employment:

- Design and develop learning technologies and/or learning activities using user-centered design approaches with stakeholders (i.e., school teachers, children, pupils, and parents)
- Plan and conduct user studies with children, teachers, and parents
- Analyze qualitative and quantitative data on student learning, engagement, and emotions
- Conduct data mining and learning analytics research to understand human learning

Your qualifications:

You have skills in one or more of the following areas:

- Software development (e.g., HTML, CSS, JavaScript),
- HCI design and research (e.g., participatory design, UX design/research)
- Experimental design and statistical analyses of quantitative data
- Learning design
- Data mining

The successful candidate will also have:

- Can speak basic German
- Advanced software development skills and experiences
- Teaching experiences or experience working with children and pupils
- Strong verbal and written communication skills in English

What we can offer you:

- A flexible working environment and schedule allowing you to balance work, coursework, and other responsibilities that you may have
- An inclusive and diverse lab environment that respects each others' ideas, needs, and preferences
- Remote work is possible

To apply, please submit your CV/Resume and a cover letter that describes your research interests and why you are interested in this position. The review of applications will start immediately but the position is open until filled. Applications should be sent via email directly to Prof Tomohiro Nagashima with "HiWi position" in the subject line: nagashima(at)cs.uni-saarland.de