

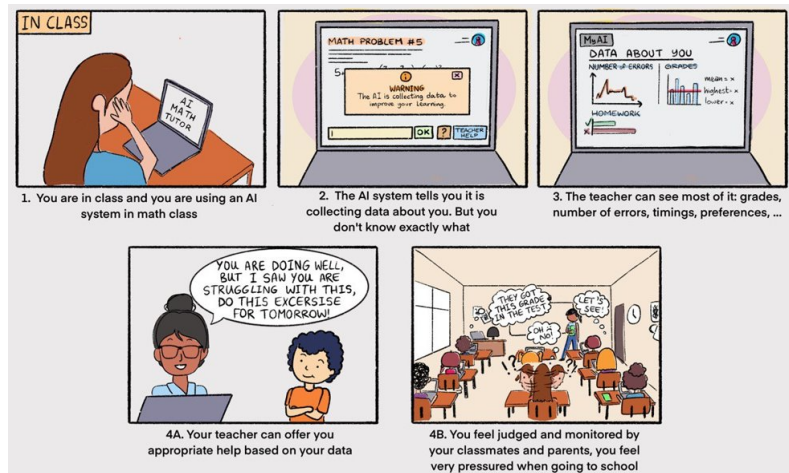
Student Assistant (HiWi) position (m/f/x) on Human-Centered Design of AI-based Learning Technology

Work duration: 4 - 15 hours per week (which can be set flexibly), for the duration of 5-6 months (initially), which can be extended

Workplace/Department:
Department of Computer Science

When to start?

Immediately! But can be flexible.



In his newly-established group focused on human-centered learning sciences and technology research, **Professor Tomohiro Nagashima** is looking for 1-2 **Student Research Assistants (HiWis)** who can support new exciting design research with school teachers on how we might use AI to support student learning in the classroom environment.

In this project, we are interested in 1) getting German teachers' perspectives on and preferences for using AI tools in the classroom and 2) designing engaging software for supporting human learning. For more information on Prof. Nagashima's work, please visit: <https://tomonag.org/>

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 starting the employment:

- Interviewing German teachers on the use of AI tools in classrooms
- Conducting contextual inquiry and think-alouds with teachers
- Planning user studies
- Co-designing prototypes for supporting math learning with teachers
- Analyzing interview/think-aloud and other qualitative data
- Summarizing findings

Your qualifications:

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

- HCI research skills (i.e., understanding of methods for analyzing qualitative data)
- HCI design skills (e.g., participatory design, UX/UI design principles, prototyping)
- Can speak German (C1 or above, ideally native proficiency)
- Learning design
- Strong verbal and written communication skills in English

The successful candidate will also have (optional):

- Software development skills and experiences
- Teaching experiences or experience working with children and pupils
- Can use Figma (or other design software) for prototyping

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
- Shared office space in E13
- Remote work is possible and welcomed

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