

Student Assistant (HiWi) position (m/f/x) on Data Visualization and Dashboard

Work duration: approx. 6 hours per week, for 6 months (initially), which can be extended

Workplace/Department: Department of Computer Science, in collaboration with the Faculty of Education Sciences

When to start? As soon as possible

In his newly-established group focused on human-centered learning sciences and technology research, **Professor Tomohiro Nagashima, in collaboration with Dr. Sarah Malone from the Department of Educational Sciences, is looking for one Student Research Assistant (HiWi) who can support the development of a data visualization dashboard on AI in Education.**

In a newly funded project between Drs. Malone and Nagashima, we will design and develop a data visualization dashboard where students, educators, and other stakeholders can learn about trends of AI in Education. For more information on Prof. Nagashima's work, please visit: <https://tomonag.org/> Find more about Dr. Malone here: <https://www.uni-saarland.de/lehrstuhl/bruenken/personen/dr-sarah-malone.html>

Job requirements and responsibilities:

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

- Designing a data visualization dashboard
- Developing (and maintaining) a data visualization dashboard
- Conducting user studies and co-design research with education stakeholders
- Facilitating a joint class (by Drs. Malone and Nagashima) and providing help to students on the dashboard design/development

Your qualifications:

You have skills in one or more of the following areas (please explain what experiences you have in your cover letter):

- Data visualization skills (prior experience preferred)
 - Skills in Python, JavaScript, and SQL and frameworks like D3.js
- Familiarity with popular data visualization tools (e.g., Tableau)

- HCI research skills (i.e., experience in conducting user interviews)
- HCI design skills (e.g., participatory design, UX/UI design principles, prototyping)
- 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
- Shared office space in E13
- Remote work is possible and welcomed

To apply, please submit your CV/Resume, recent transcript, 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 will be open until filled. Applications should be sent via email directly to Prof Tomohiro Nagashima with “Data Visualization HiWi” in the subject line: nagashima@cs.uni-saarland.de