

The **Chair of Scalable Database Systems** (Professor Dr. Stefanie Scherzinger) at the Faculty of Computer Science and Mathematics invites applications for the position of

Student Research Assistant

The starting date of this position can be agreed individually (planned: 1 December 2026) with a working time of **10 hours per week** on a one-year fixed-term contract. Remuneration is EUR 15.20 per hour or EUR 16.70 per hour for master's students. If you meet the requirements for the higher compensation rate, you will be assigned more advanced tasks.

The position is funded by the Federal Ministry of Research, Technology and Space within the research project "Quantum Computing for ErUM" (QC4ErUM).

Project description:

The student research assistant, who is ideally studying **M.Sc. Computer Science** or **M.Sc. Artificial Intelligence Engineering** at University of Passau, will support the research project QC4ErUM.

Key responsibilities:

- Collaborate in a distributed research project on quantum software and data engineering
- Support research activities including literature research, data retrieval, data preparation and analysis, follow-up-survey preparation.
- Assist with data cleaning.
- Assist with organisational tasks related to the project.
- Assist the implementation and evaluation of research software prototypes

Requirements:

- Bachelor's Degree: in computer science, physics, mathematics, or a related field
- Excellent programming skills and a solid background in software and data engineering in Python
- Expertise in data processing and analysis
- Interest in quantum software engineering
- Excellent command of English, both spoken and written
- Knowledge of German is advantageous but not a requirement
- A high degree of reliability, diligence, and self-organization, combined with strong analytical skills, independent problem solving, and the ability to quickly grasp new technical concepts.

What we offer: Participation in an interdisciplinary academic research project as well as the opportunity to gain experience in quantum software engineering.

The University of Passau wishes to increase the proportion of its female staff and expressly encourages women to apply for the position. This position is suitable for candidates with disabilities. Those who are registered disabled are given preference over non-disabled applicants who do not otherwise have statutory preferential status if their overall personal aptitudes, skills and qualifications are equal.

Application Process: Please send your application (brief cover letter, CV, preferred starting date as well as relevant certificates and transcripts) as **one single consolidated PDF file** to Prof. Dr. Stefanie Scherzinger (sds-office@uni-passau.de) by **15 October 2026**.

For content-related questions, Mr. Edgar Yépez (edgar.yepezlopez@uni-passau.de) is available to assist you.

E-mailed applications are kept on file for six months after the conclusion of the application procedure, whereupon they are deleted from our systems. Please visit www.uni-passau.de/en/university/current-vacancies for our data privacy statement.