

Job Advertisement

Semantic Computing Group

Viju Sudhi

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Student Assistant SHK/WHK - “LLM4KMU” (8h / week)

We are looking for a student assistant (8 hours per week) to support us in the project “LLM4KMU”. The project aims to adapt and optimize Large Language Models for their application in Small and Medium-sized Enterprises. As part of the project, we are building AutoLLM, an experimentation platform. Inspired by “Auto-ML” methods, AutoLLM supports users in finding the right open source LLM, fine-tunes the selected models and generates comprehensive evaluation reports. You can find more about the platform here: [1] and more about the project here: [2].

Your Role

- Extend our experimentation platform by adding new academic and industry datasets/tasks.
- Run open-source LLM training and evaluation experiments on our GPU cluster.
- Assist in analyzing, visualizing and preparing experiment results.
- Support in developing a prototypical front-end.

Your Profile

- BA/MA student at the Faculty of Technology.
- Strong Python skills with experience in HuggingFace [3] and TRL [4].
- Hands-on experience with fine-tuning and evaluating LLMs.
- *Bonus:* Experience with front-end libraries like Gradio [5].
- Proficient in English (spoken and written).

Start date: February 2026

Interested? E-mail your application (CV and transcript) to Viju Sudhi: viju.sudhi@uni-bielefeld.de on or before **30. November 2025**. Use the subject: **Application for Student Assistant - LLM4KMU**.

References

- [1] <https://github.com/ag-sc/auto-llm>.
- [2] <https://www.uni-bielefeld.de/fakultaeten/technische-fakultaet/arbeitsgruppen/semantic-computing/projekte/llm4kmu/>.
- [3] <https://github.com/huggingface/transformers>.
- [4] <https://github.com/huggingface/trl>.
- [5] <https://www.gradio.app/docs>.