Student assistant wanted

Starting immediately, the Cognitive Systems group (Faculty WIAI) is looking for a student assistant to support the research project *KIProQua. KIProQua* is a project in close cooperation with BMW. We are researching new methods that use artificial intelligence to detect the cause of a fault in the production of electric motors.

To communicate the production data as well as the cause of an error, an interface between the AI and the quality engineer is required. Your main task is to design and implement the interface together with us. You will use web application and visualization frameworks like Angular/Vue and D3. If necessary, you will also analyze production data and support us in training machine learning models.

Working hours are flexible by arrangement, and average 40h per month.
Project and thesis work may be written as part of the position.

We offer:

- Good working atmosphere
- Time to familiarize
- Expert colleagues
- Interesting tasks
- Space for learning and experimenting

Your Tasks:

- Specific visualization of data from the production of vehicles
- UI design and implementation
- Perform data analysis
- Implement and train AI/ML models

Your Skills:

- JavaScript/TypeScript
- Python
- Angular/Vue and D3
- Ability to work in a team

We do not expect you to bring prior knowledge in Angular/Vue and D3. What mainly matters to us is your motivation to learn new technologies.

All activities are discussed within the team, time for training and assistance is available.
If you have any questions, feel free to contact Christoph Wehner (christoph.wehner@uni-bamberg.de).

You want to gain experience in an artificial intelligence research project? Then send us an application (short letter of motivation, curriculum vitae and transcript of grades) to:

christoph.wehner@uni-bamberg.de and ute.schmid@uni-bamberg.de