Student assistant in software development and web technologies

We are looking for a student (m/f/d) to assist us with software development tasks, especially web development and Python scripting.

Tasks
• Conception and implementation of web backend and frontend applications.
• Implementation of tooling and scripts for data processing in a scientific context
• Implementation of state-of-the-art (deep) machine learning algorithms.

What we offer
• Professional supervision
• Exciting tasks and insights on the topic of autonomous driving
• Up to 40 hours per month (up to 6 months, can be extended)

What we expect
• Practical experience with Python
• Practical experience with JavaScript / TypeScript (as well as HTML and CSS)
• Practical experience with a JavaScript-based frontend framework (preferably Vue.js)
• Basic understanding and best practices in software architecture / design
• Basic understanding of machine learning techniques, especially neural networks
• Optional: Experience with container technologies (Docker) and Linux
• Willingness and ability to acquire new technical knowledge

Required documents
• Cover letter (3-4 sentences)
• Brief CV (max. 2 pages)
• Excerpt of latest academic achievements

Please email applications to muetsch@kit.edu.