



## 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](mailto:muetsch@kit.edu).