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At the BMW Car IT, a wholly owned subsidiary of the BMW AG, we live and breathe software. We design and implement embedded software for the electronic control units of the BMW cars as well as related tools and frameworks.

## Master thesis (f/m/x) Pitch Compensation Augmented Reality

### What can you expect?

For Augmented Reality, a stable image is of high importance. Therefore, compensating the pitch of the driving vehicle is essential. The task is to evaluate different approaches for pitch compensation based on the AR camera image. As a result of the thesis the most promising algorithms are implemented in C++ on a Linux reference platform.

### Qualifications and experience.

- Good software development skills in C++
- Experience with ROS framework
- Knowledge in the field of Computer Vision and Image Processing would be beneficial
- Fluent English skills

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