

Bachelor/Master Student

**at the Institute of Autonomous Driving
Department of Aerospace Engineering**

Are you interested in modern control engineering, autonomous vehicles, and data-driven methods? Then become part of our team at the Institute of Autonomous Driving at the Universität der Bundeswehr München!

Under the direction of Prof. Dr.-Ing. Bassam Alrifaae, we work on current research questions in the field of intelligent control of connected and automated vehicles. In our state-of-the-art CPM Lab, we develop and test innovative control algorithms in a realistic environment.

Possible tasks:

- Development and implementation of control and planning algorithms (e.g., MPC, learning-based control, multi-agent systems)
- Testing and validation in the CPM Lab or in simulation
- Participation in current research projects related to connected and autonomous vehicles
- Support in scientific analysis, visualization, and possibly publication

What you should bring:

- Interest in autonomous driving, control engineering, or AI
- Enrollment in a STEM subject (e.g., Mechanical Engineering, Electrical Engineering, Computer Science, Aerospace)
- Programming skills (e.g., in Python, MATLAB, or C++)
- Independent, reliable working style and team spirit

What we offer:

- Flexible setup depending on your interests and academic progress
- Practical research with real-world applications
- Work in a dedicated, interdisciplinary team
- Modern research lab with a real test environment
- Opportunity to further develop your technical and scientific skills

Interested?

Then send your complete application documents (cover letter, max. 200 words; CV; scans of diplomas and job references) with the subject "Application – Student" as a single PDF file, max. 5MB, by email to:

application-irt82@lists.unibw.de

By submitting your application, you consent to the storage, processing, and forwarding of your personal data for the purpose of the application process. Further information on data protection can be found at:

<https://www.unibw.de/home/footer/datenschutzerklaerung>

We look forward to your application!