



**More undercover,
less underchallenged.**

Shift how the world of tomorrow moves.
Develop technologies and solutions for
mobility with around 8,000 colleagues
across the globe.

Job-ID: 2157

Intern - Development and modeling of battery functions

 Wrocław / Opole

The worldwide transformation to e-mobility is happening right now - and we contribute to shape it! Would you like to help us solve the exciting challenges that this change entails and turn innovative ideas into reality? For making e-mobility real, the e-machine must be controlled precisely, efficiently, and robustly. For this, we develop software functions, which go beyond the state of the art. You will have the opportunity to support us in this intention and thus contribute to the mobility of tomorrow.

Your tasks:

Depending on your interests and previous experience, we can determine a suitable task for you from these key areas!

- Design of new functions for controlling and monitoring batteries, for example thermal Management.
- Development of new algorithms, e.g. for the calculation of SoC and SoH.
- Conceptual design of cloud functions.
- Development of AI functions, e.g. for early detection of battery damage.

Your skills:

Necessary Skills:

- Ongoing studies in computer science, electrical engineering, mechanical engineering, automotive engineering or comparable field of study.
- First knowledge of modeling mechatronic systems with Matlab/Simulink or a comparable tool.
- High motivation to get involved and shape the future field of e-mobility.
- Independent way of working with a creative approach.
- Strong communication skills and ability to work in a team.

Desired Skills:

- Initial experience in the field of battery functions.
- Good knowledge of German and English.
- Experience in the automotive environment.

Our offer:

As an intern, you won't be working just anywhere at IAV, but in the thick of it. On real projects. On exciting future tasks. Fully integrated and in close collaboration with IAV experts. With lots of responsibility and at the same time ample freedom so you can manage your work and studies: resulting in the best perspectives for your professional development and attractive. Diversity and equal opportunity are important to us. We care about the person as well as individual strengths and character.

Apply now!
apply-poland@iav.de

Have you still got questions?
Please contact us.