



**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: 21551

Working Student / Intern: Verification & Validation of Advanced Driver Assistance Systems (ADAS)

 Wroclaw / 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:

Welcome aboard our dynamic troupe of engineers, passionate about validating state-of-the-art driver assistance functions for major automotive manufacturers. Joining our team as a student, you will gradually learn and get involved in some of the daily tasks that our engineers perform. These include:

1. Understanding and outlining requirements for advanced driver-assistance systems.
2. On-road and simulated testing of advanced driver-assistance systems.

To kick-start your journey, we invite you to aid us in the creation of 3D simulations - encompassing maps, test cases, and virtual assets integral to modern vehicle testing. Your invaluable contributions will ensure that cutting-edge automotive software upholds the highest standards of quality, safety, and performance. In due course, with guidance and support from our colleagues, you will have a chance to participate in further development of our existing simulation infrastructure as well. Your specific tasks will be tailored according to current project needs, your unique skillset, and personal interests.

Prerequisites:

- Currently pursuing studies in computer science, electrical engineering, mechanical engineering, automotive engineering, or a related field.
- High interest in creative and innovative topics.
- Intrinsic motivation and passion for learning.
- Independent and structured way of working.
- Excellent communication skills along with a great team spirit.
- Good command of English language.

Apply now!
apply-poland@iav.de

Have you still got questions?
Please contact us.



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Desired Attributes:

- Understanding of object-oriented programming.
- Knowledge of Python and C++.
- Familiarity with version control in Git.
- Knowledge of German language.
- Possession of a driver's license.

Ways to stand out:

- Prior professional experience, e.g. internships or extracurriculars.
- Experience in working with large code bases.
- Preliminary experience in simulation and/or graphical processing.

Type of employment:

- Working Student (max. 126hr per month, ongoing) [preferred]
- Internship (max. 126hr per month, 1-2 months) [possible]

Earliest starting date:

- 01.05.2024

Join us at the forefront of automotive innovation as we shape the future of mobility.
We look forward to welcoming you to our team!

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