AUMOVIO

Master Thesis – Radar Test Automation

Your tasks

We are looking for a student (m/f/divers) in the area of Radar Validation from **November 2026** on for at least **6 months** at our location Lindau (Germany).

In your role you are supporting us in Radar development test automation

Job description:

- HiL test commissioning for the RADAR project.
- Design and development of highly automated HiL test cases based on system requirements.
- Verification of the test method and evaluation based on test-theoretical principles.
- Statistical analysis of results using modern methods (AI).
- Full automation/integration of the test method into the CI/CD (Continuous Integration/Continuous Development) pipeline.
- Compliance with and consideration of important regulations such as ISO 26262 and other safety and security requirements in the automotive sector.

Job ID
REF12380M

Field of work
Engineering

Location
Lindau (Bodensee)

Legal Entity
ADC Automotive Distance Control Systems GmbH

Your profile

You are wondering whether you are a good fit for the Internship – Manufacturing Technologies? Here are some key qualifications, we are looking for:

- Student (m/f/divers) in Electrical Engineering or similar field of study
- Basic knowledge in Radar models
- Good SW development skills and experience in Python & C/C++
- Good experience in design and implementation of system tests
- Any experience in the field of Radar, RF and/or antennas is preferable
- Knowledge of languages (German and English skills in spelling and writing)

In addition to these technical qualificatons, we are also looking for certain characteristics and abilities:

- Interest in working in an international team• High level of initiative and willingness to learn
- Strong attention to detail and a quality-focused mindset

- Ability to work effectively in an international and multidisciplinary environment

Our offer

Ready to take your career to the next level? The future of mobility isn't just anyone's job. Make it yours! **Join AUMOVIO. Own What's Next.**

About us

Since its spin-off in September 2025 AUMOVIO continues the business of the former Continental group sector Automotive as an independent company. The technology and electronics company offers a wide-ranging portfolio that makes mobility safe, exciting, connected, and autonomous. This includes sensor solutions, displays, braking and comfort systems as well as comprehensive expertise in software, architecture platforms, and assistance systems for software-defined vehicles. In the fiscal year 2024 the business areas, which now belong to AUMOVIO, generated sales of 19.6 billion Euro. The company is headquartered in Frankfurt, Germany and has about 87.000 employees in more than 100 locations worldwide.