

Internship - Radar Prototype Bringup (ADAS)

Vos activités

We are looking for a intern (m/f/diverse) in the area of Radar ADAS (Advanced Driver Assistance Systems) from **August 2026** on for at least **6 months** at our location Lindau (Germany).

Your tasks include:

- Supporting in Radar pre-development w.r.t algorithms, signal processing and radar data evaluation
- Literature research on radar MMIC bring-up procedures and NVIDIA Orin platform integration
- Setup and configuration of HW toolchain to interface radar MMIC with NVIDIA Orin (power, SPI, MIPI, clocking)
- Development of low-level firmware (C/C++) for MMIC initialization, configuration, and timing control
- Implementation and verification of precise timing synchronization between MMIC and Orin processing pipeline
- Setup of SW toolchain for data acquisition, driver integration, and real-time data streaming on Orin
- Development and testing of signal processing pipeline to generate radar detections from raw ADC data
- Optional: Performance evaluation and optimization of processing latency and throughput on NVIDIA Orin



Référence
REF10629M

Domaine fonctionnel
Engineering

Site
Lindau (Bodensee)

Unité légale
**ADC Automotive Distance
Control Systems GmbH**

Votre profil

You are wondering if you are a good fit for the Internship - Radar Prototype Bringup (ADAS)? Here are the qualifications we are looking for:

- Student (m/f/divers) in Electrical Engineering or a similar field of study
- Basic knowledge in Radar and embedded Design
- Good IT skills and experience in MATLAB and/or Python & C/C++
- Basic experience in development of IT projects
- Very good english skills (written and spoken) are absolutely essential for us
- Any experience in the field of Radar, RF and/or antennas is preferable

In addition to these qualifications we are also looking for certain characteristics and traits:

- Interest in working in an international team
- Soft skills (quick comprehension, analytical thinking, independent work, high level of commitment)

Before you submit your application, there are a few things you should keep in mind: We need your **current enrollment certificate** and your **latest transcript of records**.

Additionally, we require a confirmation from your university regarding the completion of a mandatory internship in order to process your application.

If you are **not** from an EU country, please also send us your **valid residence permit and your work permit including a supplementary sheet**.

Applications from severely disabled people are welcome.

Notre offre

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.**

A propos de nous

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.