

Senior Radar Perception Engineer - ADAS

Your tasks

Overview:

As an Autonomous Driving and Assistance Systems (ADAS) Radar Perception Engineer, you'll develop Radar based Perception systems which aim to perceive and track the environment surrounding the car or similar environment. Algorithm based vehicle and road tracking development are among the activities you can expect on your daily work.

Core Responsibilities:

- Development of radar based perception algorithms for ADAS;
- Perform software integration, testing, debugging and validation on embedded platforms and simulators;
- Measurement data analysis for algorithm evaluation and optimization;
- Analyze and evaluate internal and customer project requirements;

Your profile

Basic Qualifications:

- Bachelor/Master's degree in engineering related disciplines like electronics, robotics, mechanical, informatics or aerospace;
- Have a Critical thinking;
- Good programming skills (C) and oriented-object programming skills (C++);
- Experience in one of the following areas: tracking algorithms (Ex: Kalman Filters), data fusion, image & signal processing, environment modeling and perception;
- Good communication, team and presentation skills;
- Fluent in English language (both spoken and written);
- Willingness to work in a distributed and diverse global team environment.

Preferred Qualifications:

- Knowledge in ADAS features/algorithms and sensors such as Camera, Lidar and Radar;
- Experience in software development, preferably in the automotive industry;
- Knowledge with Git tools;
- Good experience with Docker (building images, dockerfiles, etc).

Our offer



Job ID
REF3334T

Field of work
Engineering

Location
Porto

Leadership level
Leading Self

Legal Entity
**AUMOVIO Engineering Solutions
Portugal Unipessoal Lda**

At AUMOVIO, we own what we do. But what truly sets us apart are our people. People who thrive in our winning culture, driven by bold ideas. People who take a leap and create meaningful difference—together. Because we believe that the future belongs to those who own it. That's why we foster a culture where you own every step of the way.

Our Offer:

- Work on impactful, diverse projects driving the future of automotive innovation
 - Collaborate internationally: work with teams and stakeholders across different sites and disciplines
 - Benefit from flexible working hours
 - Grow through learning & development opportunities and access to professional training
- Salary range (gross): 30.100€ - 40.100€ per year (base salary), depending on experience, skills and qualifications. Additional compensation/benefits: performance based bonus.

We are committed to fostering a workplace where everyone feels safe, respected, and valued. We encourage applications from all qualified candidates regardless of age, gender, nationality, cultural background, disability, religion, ideology or sexual orientation. If your profile matches the role, our team will reach out to you as soon as possible to discuss next steps.

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.