AUMOVIO

Radar Sensing Algorithm Engineer

Your tasks

Design, develop and validate of radar sensor algorithm features, such as:
Radar Signal Processing / Sensor Arrary Processing
Environmental Modelling
Object Tracking and Classification
Multi-Sensor Fusion
Perform requirements analysis and translate them into optimal implementations
Develop sensing algorithms to meet product requirements
Analyze issues, find root causes and fix bugs in a creative way to optimize the performance of our algorithms
Utilize advanced data analysis techniques to provide insight and inspire future development to improve our product
Collaborate effectively with multiple engineering teams, both internal and external, to determine requirements, architecture and test methods to ensure on-time achievement of project objectives

Your profile

M.S. degree in Electrical Engineering, Signal Processing, Computer Science or other related engineering field
Professional knowledge in at least one of the following fields: Digital signal processing, Tracking algorithm, Association algorithm, Classification algorithm, etc.
Proficient in statistic concepts and mathematical modeling (Linear Regression, Statistical Distributions, Bayesian Techniques, etc...)
Proficient in C/C++, Python or Matlab programming
Professional English knowledge, speaking and writing
High level of critical thinking and problem-solving abilities
Good communication skills as well as customer- and quality orientation

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

In September 2025, AUMOVIO Group was established as an independent company following its spin-off from Continental's Automotive Group. As an electronics and technology company, AUMOVIO Group offers a wide range of products dedicated to making mobility safer, more enjoyable, connected, and autonomous. Its business portfolio covers sensor solutions, display technologies, braking systems, and comfort systems, along with comprehensive expertise in software, architecture platforms, and assistance systems essential for the software-defined vehicle.

Job ID
REF6370P

Location
Yu Bei Qu

Leadership level
Leading Self

Legal Entity
AUMOVIO China Software & System Development Co., Ltd.

The business areas that now belong to AUMOVIO Group generated €19.6 billion in sales in fiscal year 2024. Headquartered in Frankfurt, Germany, the Group employs around 87,000 people across more than 100 locations worldwide.