

Test & Validation Engineering Yearlong Intern

Descrição da função

We are seeking a Test & Validation Engineering Intern to support automotive radar validation activities across DV/PV programs. This role will assist with test evidence collection, measurement data organization, acquisition boxes and test bench readiness documentation, secondary surface evaluation support, simulation data organization, and validation report preparation. The intern will work closely with engineers, lab personnel, and project teams to help maintain structured records, track open actions, support technical documentation, and improve readiness for ongoing radar test activities.

Key responsibilities include:

- Support radar chamber and sample preparation documentation, including sample identification, sample measurements, test setup records, fixture information, and measurement readiness data.
- Support secondary surface radar evaluation activities, including chamber measurement documentation, sample tracking, thickness measurement records, installation notes, material information, and related test evidence.
- Assist with organizing secondary surface performance outputs such as attenuation plots, DOA error plots, heatmap results, radar field of view cut data, and measurement comparison summaries.
- Support simulation related documentation by organizing radar range simulation outputs, attenuation inputs, RF simulation references, azimuth and elevation cut results, target type comparisons, and customer requested summary materials.
- Assist with additive manufactured radar cover and secondary surface documentation, including material selection records, sample labeling, print identification, thickness data, measurement records, and installation reference notes.
- Maintain Acquisition Box and test bench readiness documentation, including issue history logs, setup records, configuration notes, and knowledge transfer material.
- Maintain weekly action item trackers, customer question trackers, and open point lists with owners, due dates, status updates, and closure evidence.
- Track test data upload, transfer, and ingest status; identify missing, incomplete, or delayed datasets for engineer review.

Requisitos

WHAT YOU BRING TO THE ROLE

- Currently pursuing a Bachelor's degree in Electrical Engineering, Computer Engineering, Mechanical Engineering, or a related engineering field.



Identificação da vaga
REF9916F

Área funcional
Engineering

Local
Auburn Hills

Pessoa jurídica
**AUMOVIO Autonomous Mobility
US, LLC**

- Proficient with Microsoft Excel and comfortable maintaining structured trackers, technical documentation, measurement records, and status logs.
- Some programming and/or scripting exposure
- Strong attention to detail, organization, and communication skills, with the ability to support multiple validation activities.
- Basic understanding of automotive electronics, validation testing, lab testing, engineering documentation, or data analysis concepts.
- Valid driver's license for vehicle logistics, service support, and pickup or drop off activities, where required.
- Since this is a yearlong internship, you must be enrolled in a program for the duration of the internship.
- Must have and maintain a minimum GPA of 3.0
- Minimum Sophomore standing or higher
- Must be able to work on site during normal business hours (Mon-Fri)
- AUMOVIO will not sponsor individuals for employment visas now or in the future for this job.
- AUMOVIO does not offer relocation assistance for this opportunity.

Additional Ways To Stand Out

- Familiarity with Python, MATLAB, SharePoint, Teams, or other data and documentation tools.
- Exposure to radar systems, sensor testing, RF concepts, vehicle electronics, simulation outputs, or automotive validation processes.
- Interest in secondary surface evaluation, chamber measurement data, simulation results, and technical report preparation.

O que oferecemos

EEO-Statement:

EEO / AA / Disabled / Protected Veteran Employer. AUMOVIO offers equal employment opportunities to all qualified individuals, without regard to unlawful consideration to race, color, sex, sexual orientation, gender identity, age, religion, national origin, disability, veteran status, or any other status protected by applicable law. In addition, as a federal contractor, AUMOVIO complies with government regulations, where they apply, including affirmative action responsibilities for qualified individuals with a disability and protected veterans. To be considered, you must apply for a specific position for which AUMOVIO has a current posted job opening. Qualifying applications will be considered only for the specific opening(s) to which you apply. If you would like to be considered for additional or future job openings, we encourage you to reapply for other opportunities as they become available. Further, AUMOVIO provides reasonable accommodations to qualified individuals with a disability.

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.**

Quem somos

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.