Vehicle Application Engineer

Náplň práce

The Vehicle Application Engineer will support the development, calibration, and validation of Active Safety and Motion Control functions for passenger vehicles. Responsibilities include chassis control systems such as **ABS, TCS, and ESC**, as well as ADAS features including **AEB, ACC, HSA, AVH**, and related driver assistance functions. This role combines hands-on vehicle testing, data analysis, and technical problem-solving to ensure system performance meets internal and customer requirements.

Key Responsibilities:

- Develop, calibrate, and validate Active Safety and Motion Control functions, including ABS, TCS, ESC, AEB, ACC, HSA, and AVH.
- Execute vehicle testing and validation activities according to internal standards and customer specifications.
- Analyze test data, identify performance issues, and support root cause investigations.
- Develop test plans, procedures, and validation reports.
- Support vehicle integration activities and collaborate with systems, software, hardware, and customer engineering teams.
- Document and communicate technical findings, recommendations, and project status.

Profil kandidáta

Required Qualifications

- Bachelor's degree in Mechanical Engineering, Electrical Engineering, Automotive Engineering, or related field.
- Understanding of vehicle dynamics, automotive control systems, and testing methodologies.
- Strong analytical, troubleshooting, and communication skills.
- Valid driver's license
- Travel to proving grounds and customer locations, primarily within the United States, to support vehicle testing, with anticipated travel of approximately 30–40% and some multi-week assignments.

Key Competencies

- Strong technical aptitude and problem-solving skills.
- Ability to work independently in a vehicle testing environment.
- Attention to detail and ownership of assigned tasks.
- Effective teamwork and customer interaction skills.
- Confidence operating vehicles in dynamic and performance-driving test environments.
- Flexibility to support frequent travel and demanding vehicle development schedules.

Preferred Qualifications

ID pozície
REF81814N

Pracovná oblasť
Strojárstvo

Miesto práce
Auburn Hills

Úroveň vedenia ľudí
Leading Self

Právnická osoba
AUMOVIO Systems, Inc.

- Experience through internships, co-ops, Formula SAE, or automotive projects related to vehicle dynamics, controls, or vehicle testing.
- Experience with vehicle dynamics evaluations, track testing, performance driving, autocross, or motorsports activities.
- Familiarity with CAN tools, data acquisition systems, and vehicle network communication.
- Passion for automotive technology and hands-on vehicle development.

Čo ponúkame

- Legal authorization to work in the U.S. is required
- AUMOVIO will not sponsor individuals for employment visas now or in the future for this job posting.
- AUMOVIO does not offer relocation assistance for this opportunity.

All your information will be kept confidential according to EEO guidelines.

What we offer:

- Immediate Benefits
- Robust Total Rewards Package
- Paid Time Off
- Volunteer Time Off
- Employee Discounts
- Competitive Bonus Programs
- Employee 401k Match
- Employee Assistance Program
- Future Growth Opportunities, including personal and professional
- And many more benefits that come with working for a global industry leader!

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.**

O nás

At AUMOVIO, we own what we do: Developing and producing hardware,

software, and services that shape the future of mobility. 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.

Own your career, your growth, your skills, and your impact. Join us and own what's next.