AUMOVIO

SW Test & Integration Engineer Intern – Road Model & Traffic Participants

Vaše náplň práce

In this role, you will support the integration, testing, and validation of road model and traffic participant software components used in advanced driver assistance and autonomous driving systems. You will contribute to software quality and performance through integration activities, automated testing, KPI monitoring, and issue analysis.

Responsibilities:

- Integrate road model and traffic participant components with upstream/downstream modules; manage interfaces and data flow
- Own KPI definition and automation; instrument metrics and dashboards
- Plan and execute L3 scenario-based testing; track coverage and pass/fail
- Ensure QAC/MISRA compliance; manage static analysis gates
- Develop unit and integration tests; enforce in CI/CD
- Analyze recordings/logs; triage issues and drive fixes

Váš profil

- **Ongoing studies at a Hungarian university** for at least another 12 months
- Hands-on C++ and scripting languages (e.g., Python, Bash, etc.)
- Understanding of road modeling and traffic participant tracking (object detection, classification, trajectory estimation)
- Familiarity with calculus and numerical methods
- Experience with SW integration, testing frameworks, KPIs, and QAC/static analysis
- Conversational-level English

Co nabízíme

What we offer:

- A supportive and inspiring local team, with opportunities to collaborate across our international development network;
- A dynamic and inclusive work environment where you'll be supported in taking on impactful tasks as you develop your skills;
- A dedicated mentoring program, giving you direct access to experienced colleagues and hands-on guidance in a collaborative team setting;
- A new and modern office in the heart of Budapest (near Kalvin square).

ID pracovní pozice
REF12688E

Obor
IT

Lokalita
Budapest

Právnická osoba
AUMOVIO Autonomous Mobility Hungary Kft.

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

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.