

System Integrator

Your tasks

In the Budapest Artificial Intelligence Development Center of Continental, Autonomous Mobility, we create next generation automotive software solutions which make automated driving safe and affordable. We work towards Vision Zero, a goal to eliminate fatal accidents happening every day on the world's roads. We are looking for creative minds who are passionate to shape the future of automated driving by delivering world-class perception and fusion systems.

Our teams develop software solutions for automated parking and safety systems, processing various automotive sensor data and providing a robust, scalable output to driving function modules.

Your Tasks

As a member of the system integration team in the Human Vision development value chain, you will be working on the build-up and integration of our Hardware-in-the-loop test environment. Working closely with the SW component, feature developer and vehicle integration teams, you will be responsible for:

- Deploying and maintaining automated driving visualization components and SW solutions onto the hardware test platform.
- Enabling automated driving core features to be used on various automated driving hardware platforms.
- Building up and developing a prototype hardware-in-the-loop platform for closed-loop component and function testing.
- Building and developing the system's measurement systems, integrating of HW and SW at all levels.
- Conducting continuous testing and providing reports to feature teams on component performance in closed-loop HiL and vehicle tests.
- Supporting SW and System architects in integration related topics.
- Collaborating and work in an agile team environment.

#automatedparking

Your profile

- University degree in Computer Science, Electrical Engineering, Mechatronics Engineering or related area
- 3+ years of experience in HiL or vehicle integration
- Expertise in automotive measurement technics and architecture
- Expertise in HiL or vehicle test as a system architecture
- Experience in working with automotive sensors, vehicle communication interfaces and ECUs
- Experience in working with common automotive software frameworks, such as AUTOSAR or ROS
- Excellent command of English, spoken and written.



Job ID
REF56086B

Field of work
Information Technology

Location
Szeged

Leadership level
Leading Self

Job flexibility
Hybrid Job

Legal Entity
Continental Autonomous Mobility Hungary Kft.

Nice to have

- Experience in working on ADAS/AD applications.
- Experience in development of multiple-configuration, multi-purpose software frameworks, time-critical solutions and component scheduling
- Experience in working with automotive communication software layers.

Our offer

What We Offer

- Competitive compensation and a wide range of benefits, including:
 - Bonus system
 - Annual flexible benefit (Cafeteria)
 - Private health insurance
 - Employee discounts
 - Sport pass support
- Continuous development with access to numerous trainings, including technical skills, soft skills and language skills
- Personal career development and a challenging role with end-to-end responsibility
- Opportunity to see your ideas turn into reality with our test vehicles
- Ability to directly deliver software into real, innovative products.

Ready to drive with Continental? Take the first step and fill in the online application.

About us

Continental, founded in 1871, is a global technology company specializing in sustainable and connected mobility solutions. With 150 years of experience, we provide safe, efficient, and affordable solutions for vehicles, machines, and transportation. In 2022, we achieved €39.4 billion in sales, employing over 199,000 people across 57 countries. Our portfolio includes automotive safety, brakes, automation, and communication technologies for vehicles.