

Senior Embedded Software Engineer - ADCU Global Scheduler

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 a modular and scalable Engineering Platform and Ecosystem, a reliable foundation for a wide range of ADAS functions (automated parking, safety systems, cruising functions - *more details on <https://www.xelve.ai/>*). It covers scalable data pipeline development, datalake implementation, software platform development and CI/CD solutions as well.

The "Automated Driving Control Unit" (ADCU) is the brain of the car which provides a platform to host a wide range of functions needed for assisted and automated driving functionalities. The main task is to develop and configure a scheduling system which lets optimally utilize all available computing resources, generic cores and accelerators.

- Embedded development in heterogenous systems
- Participation in the creation and analysis of the system and software architecture
- Coordination of the software interfaces with the respective departments
- Work in a world-wide team of experts in the fields of system engineering, control algorithm development, software, hardware, system test and industrialization. Example of "best-of-class" engineering

Your profile

- University degree (BSc, MSc, PhD) in a technical area: Computer Science, Electrical Engineering or related
- 5+ years of experience in automotive embedded software design and development
- Proficiency in C/C++ (5+ years)
- Strong debugging skills
- Good command of English
- Collaborative, open-minded, team player attitude

Our offer

- Competitive compensation and a wide range of benefits, including:
 - Bonus system
 - Annual flexible benefit (Cafeteria)



Job ID
REF81604N

Location
Budapest

Leadership level
Leading Self

Job flexibility
Hybrid Job

Legal Entity
**Continental Autonomous
Mobility Hungary Kft.**

- 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
- Easily accessible office location in downtown Budapest (near Kálvin square)

Ready to take your career to the next level and join us at the start of something extraordinary? Apply now to become a part of AUMOVIO and drive the future mobility together with us!

About us

Continental's Automotive group sector is expected to be listed as independent company "AUMOVIO" in September 2025. With ~87,000 employees worldwide and annual sales of ~€20 billion, we are entering an exciting new era.

AUMOVIO stands for highly developed electronic products and modern mobility solutions. In addition to its strong market position with innovative sensor solutions, displays, and technologically leading braking and comfort systems, AUMOVIO has significant expertise in software, architecture platforms and assistance systems for the rapidly growing future market of software-defined and autonomous vehicles. Our purpose is clear: to make future mobility safe, exciting, connected, and autonomous.