# Senior Embedded Software Engineer – ADCU Global Scheduler

## Náplň práce

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.

## Profil kandidáta

- 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.

ID pozície
**REF73746T**

Pracovná oblasť
**Inform. technológie**

Miesto práce
**Budapest**

Úroveň vedenia ľudí
**Leading Self**

Flexibilita
**Hybrid Job**

Právnická osoba
**Continental Autonomous Mobility Hungary Kft.**

## Nice to have

- Experience in agile software development methods
- Hands-on experience in classic AUTOSAR / adaptive AUTOSAR
- Experience with Linux / QNX
- Experience with multicore systems
- Experience with embedded accelerators.

## Čo ponúkame

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

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

## O nás

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2024, Continental generated preliminary sales of €39.7 billion and currently employs around 190,000 people in 55 countries and markets.