Software Architect

Feladatok

In AI Development Center of Continental, we create next generation automotive software solutions which make Autonomous Driving safe and affordable. We are looking for creative minds who are passionate to shape the future by delivering software solutions for ADAS projects. The complexity of future mobility systems grows continuously. The development of Driver Assistance and Autonomous Driving systems and their cutting-edge components (Radar, Lidar, Camera, Ultrasonic and Central Processing Unit) is one of the key area to secure our way towards Vision Zero (eliminate injuries & accidents).

Your Task

- Definition of Software architecture covering multiple subsystems and disciplines. Decompose and allocate responsibilities to the respective disciplines with respect to the deployment of the elements to the target hardware
- Develop formal specification for static design (interfaces, sub-systems, components), dynamic behavior (e.g. high-level component interactions), resource allocation & consumption
- Provide appropriate design guidelines to other architects of the sub-systems - in addition to architectural specification
- Design the software architecture incrementally for testability. Derive Requirements, define and document them in a testable manner
- Respect Organizational Standards (Functional Safety, Software Security, ASPICE, etc.)
- Work as part of an international team alongside renowned internal and external experts in the field, benefit from university collaborations, participate in real-world field tests.

#radarmakessense

Profilja

- University degree (BSc, MSc, PhD) from a quantitative field (e.g., computer science, electrical engineering, mathematics, physics, data science)
- Good software development experience in embedded systems
- Knowledge of software integration processes and methodologies
- Familiar with software architecture design tools (e.g. Rhapsody)
- Familiar with requirements management tools (e.g. DOORS)
- Analytical thinking and problem-solving skills
- Team player with strong focus on quality and result delivery
- Excellent command of English, spoken and written
- Collaborative, open-minded attitude, ability to work in a respectful professional team.

In addition, it would be beneficial to have:

Job ID
REF55317M

Tevékenységi terület
Műszaki Informatika

Telephely
Debrecen

Vezetői szint
Leading Self

Munkahelyi rugalmasság
Hybrid Job

Jogi egység
Continental Autonomous Mobility Hungary Kft.

- At least 2 years of relevant work experience
- Basic understanding of Machine Learning / Deep Learning application in automotive projects
- Requirements Management experience
- Project Management experience
- Supplier Management experience
- Experience in the automotive industry with automotive processes.

Ajánlatunk

What We Offer

- Participation in exciting, highly innovative projects
- Personal career development and a challenging role with end-to-end responsibility
- Ability to directly deliver software into real products
- Opportunity to turn your ideas into reality
- Continuous development with access to numerous trainings, including technical skills, people skills and language skills
- A friendly, respectful and collaborative work environment that encourages creativity and innovation
- Competitive compensation and a wide range of benefits, including:
  - Private health insurance
  - Bonus system
  - Employee discounts
  - Sport pass support
- Easily accessible office location

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

Rólunk

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.