

Software Engineer (Visualization Functions)

Your tasks

We develop a camera-based surround view system as a driver assistance system. Four fisheye cameras provide video streams which are stitched together and reprojected to simulate a 3D environment. The created environment is used to support parking maneuvers and low speed visualisations in real time. You contribute as visualization developer to a highly motivated team with your ideas and innovations.

Your Tasks

- Participate in project teams for development and application of surround view systems
- Development of visualization features with C++
- Development of software and tools for configuration and calibration
- Porting and optimizing of existing computer graphics functions and features
- Integration and application of computer graphics features
- Technical alignment with project team and customers
- Working in distributed agile development teams with state-of-the-art tools and development environments
- Contributing with own ideas to enhance the product.

Your profile

- University Degree or PhD in related field (e.g. computer science, software engineering) or a comparable qualification
- At least 4 years of specific experience in the field of ADAS systems or autonomous robots
- Advanced knowledge and practical experience in C++ and GTests
- Knowledge in computer graphics with OpenGL is an advantage
- Experience with image processing and parallel computing (OpenCL/OpenCV/CUDA) of advantage
- Solid background in camera systems and fisheye cameras
- Practical experiences in scalable architecture
- Experience and passion for agile working methods like Scrum or Kanban are beneficial
- Experience in embedded SW development (V Model) and related tools
- Very good knowledge of English, both written and spoken.

Our 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,



Job ID

REF81519V

Field of work

Information Technology

Location

Debrecen

Leadership level

Leading Self

Job flexibility

Hybrid Job

Legal Entity

**Continental Autonomous
Mobility Hungary Kft.**

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.

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 ~93,000 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.