

Software Engineer Intern

Your tasks

Our Team is working on a key software component for the vehicle's environment model. The component integrates several submodules that combine data from different inputs, such as road structures and traffic participants, into a consistent and reliable environmental view. This processed data is essential for downstream systems to make accurate driving decisions. Among our core tasks is the assignment of traffic participants to lanes. We are also responsible for implementing a monitoring tool to ensure the correctness and consistency of the output.

Your Tasks

- Implement and improve software modules based on requirements.
- Debug and analyze issues using real measurement data from test drives and simulations.
- Write and maintain unit tests using GTest to ensure code reliability and correctness.
- Collaborate and align closely with other teams to ensure smooth integration and consistent system behavior.
- Participate in code reviews and technical discussions as part of the team's development process.

Your profile

- Ongoing studies at a **Hungarian university** (Bsc or Msc) for 3 completed semesters with at least two semesters left in a technical area: Computer Science, Electrical Engineering or related
- Experience with C++ or Python programming language (familiarity with scripting languages is an advantage)
- Good command of English language
- Able to work min. 24 hours/week
- Interest in integration
- Problem-solving mindset

Our offer

What we offer

- A supportive and inspiring local team, with opportunities to collaborate across our international development network
- A dynamic and inclusive work environment where you'll be supported in taking on impactful tasks as you develop your skills
- A dedicated mentoring program, giving you direct access to experienced colleagues and hands-on guidance in a collaborative team setting
- A new and modern office in the heart of Budapest (near Calvin square)

Ready to take your career to the next level? The future of mobility isn't just anyone's job. Make it yours! **Join AUMOVIO. Own What's Next.**



Job ID

REF3411N

Field of work

Information Technology

Legal Entity

**Continental Autonomous
Mobility Hungary Kft.**

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.