Algorithm Developer (Traffic Control Information)

Ihre Aufgaben

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, traffic participants and traffic control information, 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 and traffic control information to lanes. We are also responsible for implementing a safety critical monitoring component to ensure the correctness and consistency of the environmental model.

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.

Ihr Profil

- University degree (BSc, MSc, PhD) in a technical area: Computer Science, Electronics, Electrical Engineering or related
- Several years of experience in automotive environment and ADAS Sensor development in C++
- Knowledge in software development methods and standards
- Knowledge in algorithm rapid prototyping and associated tools (Matlab, Python)
- Good command of the English language
- Good communication skills
- Collaborative, open-minded, team player attitude.

Unser Angebot

- 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

Job ID
REF81696B

Arbeitsbereich
Informationstechnologie

Standort
Budapest

Leadership Level
Leading Self

Job Flexibilität
Hybrid Job

Rechtliche Einheit
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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).

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Über uns

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