

Are you auto-motivated? Welcome!



With sales of approximately €20 billion in 2009 Continental is among the leading automotive suppliers worldwide. As a supplier of brake systems, systems and components for powertrains and chassis, instrumentation, infotainment solutions, vehicle electronics, tires and technical elastomers, Continental contributes enhanced driving safety and global climate protection. Continental is also a competent partner in networked automobile communication. Continental currently employs approximately 134,500 in 46 countries.

Global Engineering Internship Program (m/f)

Project: Vision Algorithms

Location: Auburn Hills, Michigan (United States)

Start Date: flexible

Job description:

This job provides a good introduction into a very new area of Automotive – Advanced Driver Assistance System. ADAS group at Continental develops sensors (e.g. Camera or RADAR) and algorithms (Adaptive Cruise Control, Lane Departure Warning) to make the driving more comfortable and safe by supporting the driver in its daily tasks and prevent/mitigate accidents on the road. Camera Algorithms like Object Detection or Lane Sensing is a crucial part in the whole functionality.

The duration of the internship is 6 months.

The main tasks of the intern (m/f) will be:

- Create/Design Tools to improve and optimize object classification algorithm
- Labeling of Camera Data for performance test automation
- Optimization/categorization of the database based on performance matrix
- Support Software-In-the-Loop Test Activities

Job requirements:

- The candidate (m/f) must have good analytical and learning skills
- Some level of image processing algorithm knowledge/experience desired but not necessary
- Knowledge of script languages (e.g. Python) is nice to have
- ADAS related knowledge desired but not required

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