



Postdoc position(s) in development:

The TRACE (Toyota Research on Automated Cars in Europe) lab of KU Leuven in Belgium is the central node of a European network that carries out research on automated cars for Toyota. Other partners of the network include computer vision groups at the University of Cambridge, the Max Planck Institute of Informatics at Saarbrücken, and the Technical University of Prague. For TRACE-Leuven we are hiring a

Senior Developer

Responsibilities

TRACE-Leuven has an immediate opening for one or more senior developers, who translate research results into practical implementations for autonomous driving. We work in C++, both in a Linux and Windows environment. The candidate will be involved in the selection of the most appropriate algorithms for the autonomous car, and their efficient remapping to and implementation on GPU processors. The candidate will supervise the implementation of the selected algorithms by programmers, and will report to the Leader of the Development Team.

Profile

Candidates should have:

- A Master Degree in Computer Science, Electrical Engineer, Physics, or equivalent
- A doctoral degree in the area of Computer Vision or Computer Graphics
- Strong C++ language experience
- Experience with GPU programming (OpenGL, CUDA)
- Hands-on experience with deep learning, convolutional neural networks
- Excellent verbal, written and interpersonal skills
- Excellent documentation skills

Additional skills that would represent a plus:

- Familiarity with CMake, Make, gdb, and other development tools
- Familiarity with computer graphics application software
- Vulkan experience
- Knowledge on QT

Offer

KU Leuven can offer a permanent and fulltime contract within an innovative environment. The position will be situated at a separate legal entity, thus allowing us to offer maximally competitive conditions.

Contact

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