

Senior GPU and Algorithm Engineer

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Company: Apixa

Location: Leuven

Category: computer-and-mathematical

About Apixa:

Apixa is specialized in solving challenging **computer vision** problems. We offer services and solutions in various areas of computer vision, including **deep learning and artificial intelligence** hyperspectral imaging, pattern recognition, medical imaging, visual inspection, photogrammetry and 3D imaging. Over the years, Apixa has engaged in a multitude of both research oriented projects and industrial automation projects, and amongst its customers there are both renowned international players and high-tech niche players

About this role:

Are you ready to dive into the exciting world of computer vision, AI, and deep learning?

We're seeking a **Senior GPU and Algorithm Engineer** to join our team and take on some thrilling engineering challenges.

In this role, you will:

- Implement and turbocharge computer vision algorithms on GPU, spanning from top-tier systems to more embedded architectures.

- Elevate existing **algorithms** and implementations by infusing them with mathematical, computational, and architectural ingenuity.

- Strive for the perfect balance between an algorithm's functional performance on GPU and its execution speed.

Requirements

You've got a solid grasp of the latest and greatest in computer vision and AI, backed by a strong understanding of the underlying theory.

Proficiency in **Python and C++**.

You know **GPUs** inside out and upside down.

CUDA is your playground, and you've got the skills to prove it. Bonus points if you've dabbled in other GPU programming languages.

You're no stranger to deep learning packages like PyTorch, TensorFlow, TensorRT, and ONNX.

Familiarity with computer vision software libraries? OpenCV should ring a bell.

Collaboration is your middle name, and you excel at communicating your ideas and insights with your team.

You take pride in your work and hold yourself to the highest standards of software craftsmanship.

Nice to have (or willing to learn):

Exposure to **Nvidia's Deepstream SDK** would be a fantastic addition.

Linux-based **embedded edge AI platforms** powered by Nvidia, NXP, or others? If you've got experience, we want to hear about it.

Docker isn't just a word to you—you know your way around containerized environments and are eager to dive deeper.

Benefits

Apart from a competitive salary package, Apixa offers a fun and exciting work environment where you will be part of a team that is at the forefront of computer vision technologies. We also provide **extensive training and educational** paths so you can continuously grow your knowledge and sharpen your skills. You will be working in a team of **collaborative and supportive colleagues** in a culture where **quality of life** key.

To find out more about our company culture, our offices, our job openings and the

recruitment steps:

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