

SOFTWARE ENGINEER

At intoPIX, we believe that we can shape the world with more efficient, robust and valuable technologies. Our team is empowering the products of all the leaders of the audio-visual industry (like Nikon, Sony, Panasonic and many more) by providing very high-quality software and hardware implementations of our innovative solutions. Our key achievements are in the domain of image processing and video compression.

- intoPIX JPEG2000 technology has been the cornerstone of cinema digitalization. 50% of cinema projectors around the world are decoding images in real time with our solutions.
- intoPIX has received an Emmy Award for its impact on the TV industry. Events like the Olympic Games or the FIFA World Cup are produced in HD using our technology.
- intoPIX has developed and introduced its TicoXS technology as the de-facto solution to achieve 4K and 8K live production. We have driven its standardization by the ISO and it is now internationally known as JPEG XS.
- intoPIX has partnered with Nikon to redefine the way photographers take pictures today with a new RAW standard, TicoRAW, saving many storages and allowing to make the most efficient DSLR camera in the world.
- intoPIX embraced the move of the TV production infrastructure in the cloud: intoPIX software solutions are used by Amazon AWS in its MediaLive service.

DO YOU WANT TO JOIN THE TEAM?

intoPIX is looking for new collaborators to reinforce its innovative team. As a member of our team, you will be at the heart of innovation, co-creating great products with the leaders of audio-visual markets.

We are looking for engineers with a strong willingness to learn how to achieve the incredible goals of intoPIX as a team; engineers with an interest in image processing, video streaming, and software optimization (CPU, GPU); individuals willing to contribute to the relaxed and fun environment at intoPIX.

The team is enthusiastic about welcoming you and helping you learn the ins and outs of image processing technology development.

YOUR RESPONSIBILITIES

- Build AV IP streaming solutions based on our codecs
- Port compression algorithms to various platforms (intel's latest CPUs, Nvidia and ATI GPUs, ARM, ...).
- Rewrite and tweak your code to reach higher performances.
- Contribute to the effort of bringing efficient and fast compression algorithms to the market, that improve, redefine or even form the basis for next-gen standardization.
- Work inside video frameworks like FFmpeg, Gstreamer and with third party software : Adobe Premiere,...

SKILLS YOU ALREADY HAVE

- Team player, pro-active and responsible, you can manage your time and prioritize your tasks.
- You can program in C/C++ and you know scripting languages like Python and bash.
- You have a good command of Linux operating system and gcc compiler suite.
- You have good communication skills in French and English, both oral and written.

SKILLS YOU WILL LEARN IF YOU DON'T HAVE

- Developing in the Gstreamer media framework
- Low-level optimization of CPU code (using SSE, AVX, multithreading), or GPU code (CUDA or OpenCL)
- Video & Image Processing Algorithms and technologies (JPEG, JPEG XS, JPEG2000, Tico, H264, HEVC, MPEG2-TS, SDI, HDMI,...).

WHAT WE OFFER

You will work in a growing innovative company with smart, passionate, and fun people. Our offices are located in Mont Saint-Guibert (Belgium). We offer a competitive salary with attractive benefits. We value flexibility and offer the possibility of partial home working. With full team integration from day one, a job at intoPIX provides you with, challenging tasks, responsibility, and continuous learning right from the start.

If you meet the profile and would like to be part of the team, please send your CV and cover letter to jobs@intopix.com