

## 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 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 TICO technology as the de-facto solution to achieve 4K live production. We have driven its standardization by the ISO and it is now internationally known as JPEG-XS.

### 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 and software implementations (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 will be:

- Port image 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.
- Integrate our technology inside video frameworks like FFMpeg, Gstreamer, Adode 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

- Low-level optimization of CPU code (using SSE, AVX, multithreading).
- Software acceleration on GPU platforms (CUDA or OpenCL).
- Video & Image Processing Algorithms and technologies (SDI, HDMI, JPEG, JPEG-XS, JPEG2000, TICO, H264, HEVC, MPEG2-TS...).

### What we offer

You will work in a growing, innovative high-tech company with 25 smart, passionate and fun people. Our brand new offices are located in Mont Saint-Guibert (Belgium). We offer competitive salary with attractive benefits. 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 the team, please send your CV and cover letter to [jobs@intopix.com](mailto:jobs@intopix.com)