

SOFTWARE ENGINEER

Become part of the innovative Research and Development Team of intoPIX SA.

intoPIX is a global leader in video compression, image processing and security solutions, targeting multiple software and hardware platforms. Major electronics manufacturers and service providers across the globe rely on our leading-edge IP for a multitude of applications.

Having received multiple awards that recognize our strong expertise and innovation, intoPIX's technologies are used daily by 50% of worldwide movie theatres, major sport events including the Olympic Games and the FIFA World Cup, and many other applications in Broadcast, Pro-AV, Industrial Vision, Satellite Imaging and Consumer Products.

As a member of our Research and Development Team, you will rethink, design, create and optimize compression and video processing solutions for ULTRA HD 4K & 8K - the future of imaging.

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...).

About this company

Founded in 2005, intoPIX is an independent image technology company which benefits from world-class expertise and knowledge in image processing, cryptography and micro-electronics. Our wide range of IP-Cores features JPEG 2000 encoders and decoders, TICO lightweight compression, video and network interfaces (MPEG2-TS for SMPTE2022, Ethernet-AVB), multimedia and encryption functions (AES, RSA, SHA,...), memory controllers, and more.

Thanks to its first-class and recognized expertise in image technology & micro-electronics, the intoPIX team can guarantee a top-notch quality of product and support to every customer.

What we offer

You will work in a growing, innovative high-tech company with 20 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-1, 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