

FPGA/ASIC DESIGN 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 patented innovative technologies. 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 and UHD 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.
- 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.

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 hardware implementations (ASIC, FPGA); 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

- Design, develop, and test video processing algorithms.
- Design hardware architectures of video processing algorithms for FPGA or ASIC.
- Develop and validate hardware IP cores on FPGA or ASIC.
- Take part in the patenting process resulting from algorithmic research.
- Contribute to continuous improvement of our agile development processes.

DESIRED SKILLS AND EXPERIENCE

- You are a passionate Electrical Engineer.
- You always find creative solutions to tough problems.
- Team player, proactive and responsible, you can manage your time and prioritize your tasks.
- You know some of the following hardware description languages: VHDL, Verilog.
- You know scripting languages like Python, bash, TCL.
- Experience with some Video & Image Processing Algorithms or technologies (SDI, HDMI, JPEG2000, HEVC, AV1, TS, SMPTE 2110, ISP, Ethernet...) is an asset.
- You have good communication skills in French and English, both oral and written.

WHAT WE OFFER

You will work in a growing, innovative high-tech 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