



FPGA Engineer

VoxelSensors is hiring an **FPGA Engineer**. You will be a key member of the development team, responsible for the algorithm, signal processing, and datapath development on FPGA and/or ASIC, integrated into our sensor and system products.

About us: VoxelSensors is the creator of a novel category of efficient 3D perception solutions for blending the physical and the digitally augmented and virtual worlds. Our proprietary and patented Switching Pixels® AES technology achieves unprecedentedly low power consumption, latency, and computational complexity. Switching Pixels® AES is a game changer that unlocks the true potential of fully immersive experiences for consumer electronics and enterprise AR / VR / MR wearables and various other industries.

Your core responsibilities at VoxelSensors will be to lead firmware and embedded software activities:

- define, design, and implement digital system architecture and implementation in Verilog/VHDL
- creating and maintaining a state-of-the-art development environment
- supporting competence and knowledge management
- work with our sensor design team and partners for system integration
- contribute to sensor and system validation

Your profile:

- You are creative and self-dependent, with an analytic mind and a knack for problem-solving
- You have a natural drive for continuous improvement
- At least 3 years of experience in FPGA coding and system development
- You are knowledgeable of all aspects of the SW/FW/HDL lifecycle from requirements gathering, feasibility analysis, prototyping, development to production releases
- You have a solid understanding of software engineering fundamentals such as object-oriented principles, software development lifecycle, and clean code
- You have experience with FPGA and VHDL/Verilog coding
- Solid python, C/C++ knowledge is required, with a solid understanding of System-on-Chip architectures, ISPs, signal processing chain
- You are an excellent team player, with team leadership spirit & ability to mentor
- You have a solid mastery of technical English in verbal and written communication is essential.



VoxelSensors

You will be part of an exciting venture in a booming field of depth sensing and ranging.

We offer you:

- a dynamic international environment
- a highly motivated senior team with a background in Europe, Asia, and the US
- excellent growth opportunities as we develop the company together
- a competitive compensation package tailored to your needs

You need to know that our office is located in Brussels, Belgium. We support working from home and do not require you to check in daily. Working hours are flexible, we understand the challenges of managing work and home and are happy to facilitate a good work-life balance.

The next step will be for you to get in touch with hr@voxelsensors.com with your latest resume and two paragraphs about yourself. Our HR team will evaluate your resume and will invite you for an interview when qualified.