



HW Design Engineer

About us: VoxelSensors is a young fabless semiconductor startup looking to provide the SPAES™ sensors for sequential 3D depth systems. We are ahead of the game, aiming to outperform technologies such as LiDAR, ToF, and stereoscopy by a factor of 100x. Our focus is to enable low-power, accurate depth systems based on our unique and patented sensor technology. We aim to give autonomous vehicles, robotic machines, smart VR and AR glasses, and mobile devices the eyes they need to intelligently see, map, and sense the world in motion. You will join our founding team of seasoned entrepreneurs and technologists.

As a **Hardware Design Engineer**, your main objective will be to design HW systems, with a strong focus on PCB Design and Layout for our SPAES™ camera sensors. You will also help build the camera and complete system around our sensors.

Your core activities at VoxelSensors will be to contribute to HW development and system activities:

- Develop the HW for our cameras and sensor validation systems
- Work with sensor design team for system integration & validation
- Interface with subcontractors, assembly houses and test partners
- Drive the verification of system functionality of the designed HW
- Interact in specification of new components to fit optimally the targeted system performance

Your profile, skills, and talents make you an A-star HW & system engineer with limitless potential to propel VoxelSensors forward. You are creative and self-dependent to analyze and solve all problems along the way.

What we require:

- A Master's degree in Electronics Engineering or similar
- Proven hands-on industrial experience, including a minimum of 5 years specifically in PCB design and layout
- A proven track record related to HW system development and validation
- In-depth knowledge about image sensors operating principles, camera systems, and 3D solutions
- You are fluent in English and have good presentation skills

**Nice to have:**

- Knowledge of photo detectors, pixels, imaging and SPADs
- Knowledge of ISPs, signal processing chain
- Python, C/C++ knowledge with software coding is a plus

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 background in Europe, Asia, and the US
- strong growth opportunities as we develop the company together
- a competitive compensation package tailored to your needs

You need to know that the office is located in Brussels, Belgium. We offer a hybrid work model to combine the benefits of in-person collaboration with the flexibility of remote work to help us achieve our ambitious goals. Our company is committed to fostering an inclusive, high-performance culture where all employees are valued for their unique contributions and individual merit.

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.

**Privacy notice:**

By submitting your application and resume by email, you acknowledge that your personal data contained in such documents will be collected and processed by VoxelSensors SRL/BV (a company with registered offices at Cantersteen 47, 1000 Bruxelles (Belgium) and registered with the Crossroads Bank for Enterprises under company number 0745.364.628 – “VoxelSensors”) for the purpose of managing your application. VoxelSensors processes such personal data on the basis of its legitimate interests (i.e. managing your application). VoxelSensors has implemented appropriate technical and organisational measures in order to safeguard your personal data against any accidental or illicit destruction, accidental loss, modification, deterioration, usage, access, divulgation and against any other unauthorized processing of your personal data. VoxelSensors will not make your personal data publicly available. Steps will be taken to ensure that your personal data is not kept for longer than is necessary. Your personal data will be retained for as a long as necessary to manage your application and for no more than two (2) years following the termination of your potential recruitment process (to contact you in case a new job offering may fit your profile) or five (5) years following the termination of your employment, as applicable, unless VoxelSensors has a specific legitimate interest in storing your personal data for a longer period (e.g. to comply with a legal obligation or in the framework of a litigation). Any personal data which is contained in VoxelSensors’ or any of its processor’s regular backups will not be deleted, provided that any such personal data shall remain subject to the applicable confidentiality, data privacy, and security obligations until destroyed.