



Committed, fast-paced and with a passion for precision, we support the manufacturing industry with the revolutionary products of tomorrow.

Hexagon Manufacturing Intelligence is a leading global provider of 3D measurement systems covering the micro and macro measurement ranges, supplying to manufacturing industries worldwide, including construction, machine, automotive and aerospace business.

As a member of our cross-functional metrology development team you will contribute to the entire FPGA design. It may include complex architecture, design, simulation, verification and maintenance of high-precision triangulation sensors.

FPGA Engineer (f/m/d) for advanced Computer Vision



This appeals to you

- Complete FPGA design (VHDL) on Intel devices for high-precision sensor
- Software Firmware development (C++) for real-time image processing and enhance filter algorithm on SoC platform
- Write and review technical document (specification, concept), contribute to project planning and participate on reviews
- Using your advanced engineering know-how, experience with imaging sensors, to bring our products to life
- Close collaboration with local and global Hexagon project teams, occasionally on site

This is you

- Master degree or equivalent qualification in electronic or software engineering
- 5+ years professional experience in FPGA / SoC development
- Excellent VHDL design, programming and debugging knowledge (Intel, Quartus, Qsys)
- Experience with complex processor design, SoC Fabric/Interconnected architecture, interface and controller (Avalon, Ethernet, SerDes, LVDS, SPI)
- Strong C/C++ programming skills for embedded systems, Linux, BSP and related toolchain for Intel SoC device (HPS ARM processor)
- Familiarity with electronic designs and system testing (Jenkins)
- Knowledge of image processing, real-time algorithm in the context of metrology applications as a strong plus
- Excellent communication skills in English and German

About Us

As part of the Hexagon brand network, consisting of a 20,000 strong global workforce, we encourage our employees to grow with our company. It is important to us that our employees have the opportunity to make a valuable contribution to the business while at the same time developing their own talents and careers.

How can I apply

If you are interested in this challenging and varied position, then we look forward to receiving your [online application](#) ! Due to the privacy policy, we accept applications only via the application form. In case you have any questions regarding our positions or our company please contact [us](#).

APPLY NOW

Hexagon Manufacturing Intelligence
Chemin du Closalet 14
1023 Crissier

Job-ID: m2ydm3r



HEXAGON

Leica
Geosystems