



SeeReal Technologies GmbH is a privately held company developing next-generation technologies in the field of 3D displays. We are acknowledged for our disruptive 3D display technology solutions. Our goal is to set a new market standard for electronic displays.

To strengthen our hardware development team, especially within running projects in the automotive field, we require a motivated, experienced and innovative

Electronics Hardware Engineer FPGA (gn)

HDL design and simulation – Microcontroller programming – Python tools

Tasks / Responsibilities

- Contribution to continuous development of SeeReal's hardware systems for driving holographic 3D-displays
- Design (preferred VHDL) and simulation for FPGA platforms
 - Implementation of aspects in the field of real-time hologram computation
 - Architecture and interfaces development and refinement
 - High speed signal driving for novel electronic displays and electronic components
 - Software development for FPGA embedded microcontrollers and interfacing using UART, SPI, I2C etc.

Qualifications

- Finished study in the field of electrical engineering
- Excellent skills in designing with VHDL or Verilog and verification / simulation
- Excellent knowledge about state-of-the-art digital interfaces and technology, good at mathematics
- Advanced skills in software development with C or C++ and Python
- Knowledge in the fields of display technology, MEMs, and opto-electronics is of advantage
- Fluent in English; preferably also fluent in German
- At least 5 years professional working experience or comparable professional project experience

Characteristics

- Self-motivated pace setter, getting things done
- Creative and structured mind with common sense, practical and organizational skills
- Independent and reliable worker with team spirit
- Not scared of complex projects and their comprehensive management

We offer work in a highly-motivated, experienced, well-spirited, agile and creative team, appropriate salary, plus excellent living conditions in the beautiful city of Dresden. Several home office / local co-working space options can be offered or arranged and allow flexibility regarding place of residence.

Please send your complete set of documents (PDF welcome) to:

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