

VHDL / FPGA Designer

Netherlands (NL) : Zuidoost-Noord-Brabant Category: Applications programmers

You will be responsible for defining and realizing new VHDL firmware designs and for modifying existing VHDL firmware, including the hardware/ software interface of the machine.

Your activities include specifying and documenting requirements, implementing and simulating VHDL code and also testing the firmware in test setups and in the machine module.

As a VHDL/FPGA Designer you are the first point of contact for questions related to this topic. In the projects, you work together with the electronics architect and designers of all disciplines (software, mechatronics, mechanics).

This position is based in the Electronics group of this organisation. In this position you will report to the group leader Electronics.

SKILLS:

- Bachelor Degree or master degree in Electrical Engineering
- At least 5 years of industrial experience in VHDL for FPGA design (VHDL RTL, synthesis, compilation and timing closure).
- Experience with Quartus/Xilinx ISE and functional+gate level simulation using Mentor Modelsim and/or Questa Sim.
- Experience with debugging tools (ILA ChipScope, signaltap) and lab equipment.
- Affinity to work and discuss with hardware and software engineers on a technical level.
- Affinity with mechatronics/control systems is a plus!

Personal skills:

- Team player, analytical, pragmatic, creative and pro-active
- Good communication skills and proficient in English
- Ambition for a broad personal development in the technology field.
- Good in time management and setting priorities.

HEALTH INSURANCE PROVIDED

ACCOMMODATION PROVIDED: including water, gas, electricity and internet bills

TRAVEL PROVIDED: one way travel costs to Holland. Daily travel expenses between house and work

Position type: Temporary to hire. One year contract

Contract type: Full-time

Job vacancy Id: WBS5028118