FPGA Developer (m/f/d)

In the course of a backfill, we are looking for a full-time FPGA Developer (m/f/d).

Your future tasks include:
- Development and implementation of timing and data processing algorithms in VHDL on Xililinx FPGA
- Hardware-software co-design with embedded CPUs in FPGA
- Commissioning, testing and debugging of the resulting systems
- Creation of circuit layouts
- Documentation and code review in the team

Your profile:
- Successfully completed university studies in an engineering or natural science discipline
- Mastery of the HDL description language VHDL as well as the skills to map mathematical algorithms in HDL
- Experience in using the Xilinx IDE Vivado and Modelsim
- Experience with the realization of complete own FPGA projects (design, simulation, implementation, test, documentation)
- Knowledge of the programming language C as well as experience with applications on embedded processors
- Knowledge of the HDL description language Verilog and other programming languages as well as protocols like I2C, SPI, USB and PCIe are desirable
- Knowledge of German and English, both at the B2 language level

Your benefits:
- Unlimited employment contract with flexible working hours & possible home office hours
- Secure job in an industry with a promising future
- Extensive amenities for a healthy work-life balance (e.g. in-house sports and massages) and family-friendly working environment
- Individual training and promotion of professional development
- Self-determined work and leadership at eye level
- Innovation & meaningfulness of work
- Very good transport connections
- Company pension plan and much more

Have we aroused your interest? We look forward to receiving your application via our website **https://www.picoquant.com/careers**

PicoQuant is an owner-managed, internationally active high-tech company dedicated to the development and manufacture of devices for electro-optical measurements. Our dynamic team comprises around 100 people from a wide range of professional, scientific and engineering backgrounds. As a company, we offer high-quality products as well as future-proof jobs that are as individual as our customers and employees.

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