ATI Job Profile

FPGA Development Engineer

Location: Novi, MI USA

ATI is seeking self-motivated individuals to fill positions in our embedded development group in Novi, Michigan. This is a salary position with competitive salary and benefits.

Responsibilities

As a member of the embedded development group you will be part of a dynamic development team performing analysis, design and development of our next generation embedded products.

Responsibilities will include:

- Both new development and maintenance/enhancement to existing embedded designs
- Detailed technical design of system architecture and FPGA components based on requirements
- Development and execution of unit test procedures
- Development and execution of system test procedures
- Development and updating of documentation on work performed

Qualifications

The ideal candidate will have the following qualifications and skills:

Desired Skills/Experience

- Experience with using VHDL in the development of embedded products
- Experience using logic analyzers and oscilloscopes in the development of embedded products
- Experience with System on a Chip design
- Experience with Electrical Schematic design
- Able to understand and intelligently debug existing systems
- Solid understanding of Object Oriented methodologies and concepts in general
- Solid understanding of general programming software technology
- Understanding and appreciation of software development lifecycles
- Knowledge of and understanding of software design patterns

Bonus Skills/Experience

- Experience with Xilinx chips
- Familiarity C++
- Familiarity with source control systems
- Familiarity with system interfaces such as CAN, JTAG, I2C, USB, and Ethernet
- Experience with SAE, ISO and ASAM standards
- Knowledge of data acquisition concepts and systems
- Knowledge of automobile and engine controls systems

Essential Non-Technical Skills

- Positive proactive attitude and solid work ethic
- Strong communication skills
- Strong organizational skills
- Experience with Microsoft Office applications
- Detail-oriented and methodical coding mentality
- Willingness to follow processes and procedures
- Ability to work independently

Candidates who meet the preceding qualifications should email their resume to hr_us@accuratetechnologies.com .