



## Example of FPGA Job Description

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Our innovative and growing company is looking for a FPGA. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

### Responsibilities for FPGA

- Debugging with laboratory instruments, Chipscope, Signaltap or via console
- Customer ticket handling
- Writing and reviewing design/verification documents
- Formulate methodologies for evaluating FPGA-based solutions, in terms of performance, power, productivity
- Implement necessary tools/libraries/framework for heterogeneous programming, performance monitoring, performance analysis
- Ability to manage periods of change, uncertainty and conflict
- Improve FPGA prototype usability for pre-Silicon and post-Silicon functional validation enabling SW development/validation
- FPGA architecture definition, including algorithm modelling
- FPGA design specification definition
- FPGA unit test organization and reporting, including bring-up and validation of FPGA design on the target hardware board

### Qualifications for FPGA

- Good signal and system analysis ability is a plus
- Desire for long term self-development in Southwest of China is a plus
- Fluent in English speaking and writing is preferred
- Good Initiative and positive personality
- Bachelor degree or above from top universities, major in signal&information

