



Principal FPGA Engineer

Ibeos is looking for highly motivated individuals to join our team as we continue to provide advanced electronics and subsystems to cutting edge satellite and rocket programs. Ibeos is growing fast, and we have excellent opportunities for professional growth. Our projects push the performance envelope for both power and digital applications in space.

Your Job

The Senior FPGA Engineer is responsible for firmware design and simulation. You will be responsible for the design and execution of the technology during the full product lifecycle: from requirements generation, through design and simulation, and first unit test and debug.

Desired Skills and Experience

Ibeos is interested in individuals with skills in one or more of the following areas:

- Experience with firmware design in VHDL and/or Verilog
- Experience incorporating existing IP into FPGA designs
- Experience with test bench creation, simulation, and timing analysis
- Experience with the Xilinx Vivado tool set preferred
- Experience with Lint tools
- Experience with hardware subsystems and high speed interfaces, e.g., PCIe and 10G Ethernet
- Contribution and/or creation of Interface Control Documents (ICD), and requirements documentation
- Experience with lab test equipment such as Oscilloscopes, Logic Analyzers and DMM's
- Experience designing products for operation in space or radiation environments

>12 years of experience in space, or other high-reliability/low SWaP application

U.S. Citizen or permanent residence required

Why Ibeos?

Ibeos was founded in 2013 with the goal of developing high-reliability spacecraft electronics at affordable costs and on aggressive schedules. Ibeos' hiring philosophy, which is key to delivering on this goal, is to pay above market for exceptional engineering talent. As a member of our team, you will have the opportunity to work with an efficient, talented team on exciting and challenging design projects. We pride ourselves in a relaxed, open, and creative work environment. Our location in the DC metro area is conveniently located at the Reston Town Center Metro station opening in late 2019, with an easy commute to excellent communities for both families and young professionals.

How to Apply

Send your resume to our Hiring Manager, Liz, at lizm@ibeos.com

