Aerospace

Honeywell Aerospace Avionics is the world's leading supplier of avionics systems for use on commercial aircraft. Providing sophisticated airborne electronic systems for a variety of applications, these include flight safety and flight information services collision avoidance, radar and ground proximity products, aircraft interior and exterior lighting, communication systems, navigation systems, inertial flight reference systems, cabin entertainment and integrated cockpit display systems.

ASIC / FPGA Engineer for Aerospace

**Job Description:**
- Candidate will be responsible for the design, test, and integration of complex high speed ASIC / FPGAs for aircrafts
- Candidate must understand system level communication requirements and translate these requirements into hardware architecture
- Candidate will fully document design details and hold a design review prior to implementation
- Candidate will implement the approved design using VHDL or Verilog
- Candidate will verify the design by generating all necessary test benches and/or test vectors and simulating with ModelSim
- Candidate will also target the design to a Xilinx or Actel device using synthesis and place & route tools
- Candidate will work closely with hardware and software engineers during design, test and integration

**Requirements:**
- Master's degree, experience in ASIC and FPGA development
- Experience with implementation with VHDL or Verilog for Xilinx, Actel or Altera devices
- Simulation tools experience with ModelSim
- Place & route tool experience with ISE or Quartus
- Excellent written and verbal communication skills in English

**Nice to have:**
- System Verilog is a plus
- Timing analysis and synthesis tools experience with Synplify or Synopsys
- Knowledge of AMBA, PCI, Ethernet, I2C, SPI, OS Linux, scripting languages Python, Perl, Shell, TCL and DO-254 specification a plus

**We offer:**
- Opportunity to work in aviation - industry, whose products have a long life
- Opportunity to travel regularly abroad - headquarters in Phoenix, Arizona!
- Opportunity to work in a global team of the best experts in the field
- Team buildings in a young and excellent team
- Referral bonus program - reward for referred friend to 30,000 CZK
- Opportunity to obtain a pilot's license
- Benefits - semi-flexible working hours, 5 weeks holiday allowance, pension, allowance for meals, individual development plans, sports (e.g. hockey team)

**Contact person:**
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