



Universal Synaptics

4066 S. 1900 W. Suite B, Roy, Utah 84067 – 801.731.8508 – www.USynaptics.com

Electrical Engineer - FPGA

Requisition Number: JLEE1

Who Should Apply:

We are looking for self-motivated, self-directed engineers to join our team to develop, debug, and integrate processor subsystem features and interfaces in FPGA hardware. We need someone with an affinity for cutting edge and disruptive technologies.

Who We Are:

Universal Synaptics is the global leader of technology used in detecting and isolating elusive intermittent faults that drive electronic failures. The advanced intermittence diagnostic solutions employ patented neural-sensing circuitry that monitors all potential failure points individually, yet simultaneously, in parallel. We solve the real multibillion-dollar problem that plagues electronics.

Responsibilities:

- Work with an innovative and creative R&D team across multiple engineering disciplines in further design and development of the technology
- Develop all aspects of Field Programmable Gate Array (FPGA) implementation, with emphasis on design partitioning, synthesis, place and route, timing analysis, third-party IP integration, RTL simulation, and system level architecture

Basic Qualifications:

- BA/BS degree in Computer Science, Electrical Engineering or equivalent practical experience
- Experience with FPGA implementation flows and methodologies (VHDL, Verilog, System Verilog)
- Experience working with FPGA associated tools (Vivado, Libero, Xilinx ISE, etc.)
- Experience working with Configuration Management (Git, Jira, Subversion)

Plus Qualifications:

- Active Secret Clearance with 5 year back ground investigation
- Experience in hardware architecture with industry standard interfaces (DDR, PCIe, 10/40G ethernet)
- Experience in high-performance logic-design, in graphics, image processing, or machine learning

Other Information:

Type: Full-Time

Work Schedule: FLEX

Virtual Location: No

Relocation Available: Possible

Interested candidates should send their resumes to people@usynaptics.com. Please include the requisition number in the subject line.

Universal Synaptics is an Equal Opportunity Employer. We encourage women and veterans to apply and will consider all qualified applications for employment.