

POSITION: Hardware Engineer I

JOB STATUS: Full-time, Monday – Friday (8:30-5:00)

OPENING: Immediate

SALARY: Determined by qualifications and experience

BACKGROUND: Engineering Design Team, Inc. (EDT) specializes in high-speed interface products that link digital cameras, high-resolution scanners, simulation systems, and telemetry receivers to a variety of computers. Since our founding in 1987, EDT has provided interface solutions to scientists and engineers worldwide in the scientific, industrial, and military communities.

JOB OVERVIEW: The Hardware Engineer at EDT uses the tools available at EDT to design, layout, and test hardware solutions for solving a wide variety of real world problems. In addition to board level hardware design, the HWE will design, document, and develop applications or firmware for programmable logic devices, embedded micro controllers, or host computers running EDT device driver software. Hardware engineers will interact daily with software developers, manufacturing engineers, and technicians. Hardware engineers will also interact regularly with customers supporting their current and future products.

The primary functions of an HWE1 include, but are not limited to:

- Be able to create symbols from datasheets for schematic entry.
- Be able to create symbols from datasheets for layout.
- Be able to modify existing board level schematics and circuit board layouts using the EDT schematic and layout tools.
- Be able to modify existing FPGA source code and compile through appropriate tools to create a programming file.
- Be able to build and repair open face development/lab systems, install operating systems, and software.
- Have a thorough understanding of how to use multi-meters, oscilloscopes, and logic analyzers in order to debug hardware in a lab environment.
- Will know how to use Jira, Confluence, Git, and Crucible as it applies to the development cycle of EDT products.

SUPERVISORY RESPONSIBILITIES: None.

JOB QUALIFICATIONS:

Education: Bachelor of Science from accredited college or university in Electrical Engineering or Computer Engineering

Experience: 1 to 2 years relevant experience

Certificates, Licenses, or Registrations: None

Specialized knowledge or abilities:

- English required
- Excellent self-direction and multi-tasking skills
- Excellent written and verbal communication skills
- Excellent interpersonal skills
- Excellent problem solving skills

PHYSICAL DEMANDS: Sedentary with computer usage most of the day, some walking, lifting, bending, and twisting. May be required to lift up to 50 pounds.

WORK ENVIRONMENT: Office environment, phone/computer work, some manufacturing noise.

IF INTERESTED, PLEASE SEND RESUME AND LETTER OF INTEREST TO:

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