



Junior Hardware Test Engineer

Ball Systems is searching for a Junior Hardware Test Engineer who enjoys unique challenges, varied assignments, has the initiative to take on complex engineering projects, drive them to completion and is excited to learn. We move quickly, work hard, and take great care of our team and customers. Ball Systems is a small company, and we treat each other as family. We are looking for “A-players”. Do you measure up?

Job Description:

A member of a cross-functional team that will specify, design, and manage complex electronic test systems for a wide variety of industries. You will be part of the complete system development cycle from quoting to design to system build and check-out to delivery and post launch support. You will be interacting with customers and required to deliver project status to the company’s management team, so communication skills are a must.

Applicant will perform technical analysis of test requirements, develop strategies to address requirements, develop / design / specify hardware systems, including custom PCBs, system schematic design and component specification, develop some test software and/or firmware, and provide program management of projects through the entire order life cycle, including fabrication and delivery/installation, including active coordination of other engineering disciplines and subcontractors, as well as coordination with our production team.

Qualifications/Experience:

- Prefer 3+ years’ experience, however, will consider other candidates with appropriate related experience. (Engineer 1 & 2)
- US CITIZENSHIP OR CURRENT GREEN CARD REQUIRED. WE CANNOT SPONSOR VISAS DUE TO OUR MILITARY CONTRACTS. PLEASE CONFIRM CITIZENSHIP REQUIREMENTS MET WHEN APPLYING.
- DESIRED MAJOR(S): BS or MS in Electrical Engineering, Computer Engineering, Computer Science, Electrical Engineering Technology, or Computer Engineering Technology.
- Hardware design experience (analog, digital, embedded, and mixed-signal).
- Functional test development experience (H/W and S/W).
- Test strategy development.
- Test fixturing design.
- Controls and automation.
- PXI, cRIO, and cDAQ experience.
- Manufacturing or design verification test experience.
- Experience working on and coordinating cross-functional teams hitting deadlines.
- Preferred skills include NI LabVIEW, TestStand, PCB Design (Altium, ORCAD), AutoCAD Electrical.

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50 YEARS OF INNOVATION

Who are we?

Ball Systems is a **full-service test, automation, and custom engineering company** offering a wide variety of solutions and services to a broad range of industries. Our growing portfolio of solutions includes automotive and aerospace testers, power electronics and automated systems.

We **value honesty, excellence, and transparency**. We employ talented specialists with applied experience and an excellent command of the tools of the trade. We operate a tight-knit environment, managing each project to ensure consistency and quality at every level. We have a **50-year history** in the test market, and our expertise is supported by decades of momentum. We communicate openly, understanding that system requirements, managed timelines, wise budgeting, and informed processes are critical – not only to the growth of our business but the success of our relationships.

Fill out the [form](#) or send us your resume to recruiting@ballsystems.com.



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