

ROCKFORD CORPORATION

Rockford Fosgate, a leading automotive audio company, is looking for a highly motivated person to fill the position of Hardware Test Engineer in the Advanced Engineering group. This multi-disciplined role will work with the latest technologies to design automated hardware and software test systems for aftermarket and OEM audio products. This role will be in integral position and will interact with multiple groups within the organization including engineering, quality, supply chain, and technical support.

JOB TITLE: Hardware Test Engineer

KEY RESPONSIBILITIES:

- Design and develop software for internal and production-based test systems
- Aid in the hardware development and construction of custom designed test systems
- Design and execute software test plans
- Perform functional system testing at both the software and hardware level
- Perform software regression testing
- Automate internal bench validation tasks

REQUIRED SKILLS/QUALIFICATIONS:

- Extensive programming and debugging experience with National Instruments LabVIEW.
- Good software architecture design skills (e.g. object-oriented design, hardware abstraction, etc).
- Experience with data acquisition hardware and software.
- Strong understanding of bench test equipment (e.g. DMM's, RTA's, oscilloscopes, power supplies, signal generators).
- Able to read schematics and troubleshoot circuit board layout.
- Proficient with a soldering iron with SMT experience.
- Ability to troubleshoot analog and digital circuits.
- Ability to create concise documentation and reports.
- Excellent communication and interpersonal skills; ability to multi-task and manage multiple projects simultaneously
- Must be able to complete job requirements in a high energy and sometimes loud environment.
- Build and set up test equipment.
- Prepare and conduct experiments.
- Conduct validation testing and collect data.
- Good documentation and reporting using MS Word, Excel, and Visio.
- Able to work well in a small team utilizing Agile SCRUM development process.
- Able to debug analog, digital and mixed signal circuitry at the PCB level

DESIRED SKILLS (OPTIONAL):

- Experience with other scripting languages such as Python or VB.
- Knowledge of database design.
- Schematic capture and PCB layout using PADS.
- Ability to design analog and digital circuits.
- Experience with Audio Precision test equipment.
- Familiarity with the integration of complete audio systems including source units, equalizers, speakers, subwoofers, and amplifiers.

Interested applicants, send resume and cover letter to jobs@rockfordcorp.com.

This position is based in Tempe, Arizona. No relocation assistance provided. To learn about Rockford, please visit us at www.rockfordcorp.com. We are an equal opportunity employer and value diversity in the workplace.