

# BOLLINGER MOTORS

## **Lead Systems Engineer**

Bollinger Motors is looking for a full-time Lead Systems Engineer. This position will work closely with the electrical, mechanical, and controls design teams in the design, integration, and testing of the Bollinger B1 and B2 vehicles. Job duties to be performed in the Detroit, MI area. Compensation based on experience and abilities.

## **Essential Duties & Responsibilities**

- Lead the documentation of system requirements, architecture, and system interfaces
- Lead the execution of failure mode and effects analysis
- Identify and document critical component characteristics and sub-system interfaces
- Assist in the development and execution of a vehicle level design validation plan
- Assist in the selection of component technologies and suppliers
- Create and control documentation for all relevant regulatory and certification activities
- Create documentation to illustrate linkage between requirements, architecture, and test data
- Assist in analysis and resolution of problems discovered throughout the duration of vehicle design, testing, and production
- Support the application of formal systems engineering principles through the selection of talent, tools, and processes
- Advise and support the planning and growth of the systems engineering team

## **Education, Skills and Knowledge**

- Bachelor's degree in Software, Electrical, Controls, or Systems Engineering, or related field, Master's Degree preferred
- Desire and ability to work in fast-paced, self-directed work environment
- 10+ years of experience working with automotive vehicle systems
- Demonstrated experience leading teams involved with automotive development and testing
- Demonstrated experience with requirements capture and change management tools (Jama, Doors, etc.)
- Experience with model-based tools to capture desired system function, behavior, and structure
- Knowledge of automotive standards (FMVSS, ISO26262, etc.)
- Knowledge of and experience with model-based systems engineering software (Enterprise Architect, Rhapsody, etc.)
- Experience with high voltage electrical systems a plus

Email resume to [careers@bollingermotors.com](mailto:careers@bollingermotors.com)

**ALL APPLICANTS MUST BE AUTHORIZED TO WORK IN THE UNITED STATES**