

BOLLINGER MOTORS

Electrical Engineer

Bollinger Motors is looking for a full-time Electrical Engineer to work on the electrical design and integration of the Bollinger Motors B1 and B2 all-electric vehicles with our team of engineers in the Detroit, MI area. In this role, you will work with the electrical engineering team to specify, design, build, test, and release for manufacture the vehicle electrical system in the Bollinger B1 and B2 vehicles. This position will work within the electrical engineering team and closely interface with the design, mechanical, and controls teams to lead the electrical design from end to end for one or more vehicle systems. Job duties to be performed in the Detroit, MI area. Compensation based on experience and abilities.

Essential Duties & Responsibilities

- Define and document system, sub-system, and component functional and performance requirements
- Lead electrical component selections for one or more vehicle systems
- Design and execute component, sub-system, and system design validation plan
- Define and document electrical and communication interfaces to the rest of the vehicle electrical system
- Support harness, electrical assembly, and vehicle integration builds
- Work with suppliers to ensure performance and timing expectations are met
- Design, build, and use test bench setups for system testing and validation
- Build internal hardware and software tools to improve quality and efficiency
- Process and analyze test data and provide analysis, insight, and feedback for development

Education, Skills and Knowledge

- Bachelor's degree in Electrical Engineering, Mechanical Engineering, or similar field required
- Previous vehicle electrical design and integration experience required
- Experience working in structured engineering process including definition of requirements and objective function, concept creation, market analysis for components, analyzing options, and making final engineering decisions.
- Experience working in Agile project management environment a plus
- Relevant electric or hybrid vehicle work is a plus
- Hands-on wiring harness build and installation experience a plus
- Knowledge of and experience with automotive communication protocols such as CAN, LIN, Ethernet, Flexray, PLC, RS485, SPI, Wireless 802.11, DSRC etc. is a plus

Email resume to careers@bollingermotors.com

ALL APPLICANTS MUST BE AUTHORIZED TO WORK IN THE UNITED STATES