



Vehicle Controls Engineer

Bollinger Motors is looking for a full-time Vehicle Controls Engineer. This position will work closely with the electrical and mechanical design teams in the design, integration, and testing of the vehicle control system for the Bollinger vehicles. Specific focus will be on topic related to system integration and tuning. Job duties to be performed in the Detroit, MI area. Compensation based on experience and abilities.

Essential Duties and Responsibilities

- Lead the vehicle controls software development team on topics related to energy storage
- Design and build the vehicle controls software, focused primarily on systems integration and tuning.
- Design and test vehicle controls algorithms, focused primarily on energy efficiency.
- Define, implement, and validate all relevant on-vehicle communication interfaces
- Implement and validate communication interfaces between battery and off-vehicle equipment
- Troubleshoot vehicle controls issues throughout the duration of testing and production
- Support the growth of the controls team by assisting in selection of talent, tools, and processes

Education and/or Experience

- Masters or bachelor's degree in Software Engineering, Electrical Engineering, or related field
- Desire and ability to work in fast-paced, self-directed work environment
- Experience with in-vehicle software development and testing
- Experience with model-based software design in Simulink
- Experience with vehicle dynamics modeling and simulation
- Knowledge of automotive communication protocols (CAN, LIN, SPI, etc....)
- Knowledge of and experience with version control software (GIT, SVN, etc....)
- Experience with production automotive software development

Email resume to careers@bollingermotors.com

ALL APPLICANTS MUST BE AUTHORIZED TO WORK IN THE UNITED STATES

BOLLINGER MOTORS

14925 W 11 MILE ROAD OAK PARK MI 48237