



## **Vehicle Controls Manager**

Bollinger Motors is looking for a full-time Vehicle Controls Manager. This position will lead the controls design team within the engineering department and work closely with the electrical and mechanical design teams in the design, integration, and testing of the vehicle control system for the Bollinger vehicles. This position reports to the Chief Product Officer and is an in-person role at the company's Oak Park, MI headquarters.

### **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.
- Act as liaison between team of direct reports and upper management

### **Education and Experience**

- Bachelor's degree in Software Engineering, Electrical Engineering, or related field; Masters degree preferred.
- 8+ years of OEM or Tier 1 experience
- 2+ years of experience in a leadership role with 3+ direct reports
- 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.
- Able to work in shop environment when needed to support test bench and vehicle builds.
- Self-starting and ready to work with a small team in a fast-paced startup environment.

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

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

**BOLLINGER MOTORS**

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