



We are looking for high performing BMS Software Engineer to join our team. The person should have experience in working with Li-ion BMS software and test processes.

The individual should share the passion to engineer the best electric motorcycle in the world. We are constantly looking to innovate and adopt new technologies, so you should be able to embrace constant learning.

Responsibilities:

- Develop safety-critical battery management system (BMS) and work on certifiable software aspects.
- Participate in functional development, validation and implementation of the whole BMS.
- Cell and battery modelling and characterizations.
- Design, implement and verify cutting-edge algorithms for run-time BMS software to derive State-of-Charge and State-of-Health.
- Develop Software-in-the-Loop and Hardware-in-the-Loop test benches
- Coordinate validation and verification activities according to certification requirements.

Requirements:

- Degree in Electrical/Software/Physics or related field.
- Industry experience with state-of-the-art Li-ion BMS.
- Strong expertise in embedded C, Matlab/Simulink.
- Excellent understanding of certification specifications.

Considered as an advantage:

- Proven experience with defining test programs is beneficial.
- Experience with a complete certification program from concept development to system certification is very beneficial.

Send your resume & cover letter to [careers@yatrimotorcycles.com](mailto:careers@yatrimotorcycles.com) and mention 'Application - Job Title' in the subject line.