



Model Developer - High Voltage Battery Systems

Workplace: 10000, Rabat

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What to expect:

- You will develop, adapt, and integrate model based BMS functions, such as thermal models, SoC/SoH estimation, cell voltage processing, and charge end detection. Your tasks include:
- Implementing functions in MATLAB/Simulink (TargetLink is a plus)
- Evaluating and improving existing models
- Performing MIL tests, regression testing, and automated result evaluations
- Collaborating closely with function developers, system architects, validation teams, and cross functional stakeholders
- Documenting model changes, interfaces, and validation results according to internal standards

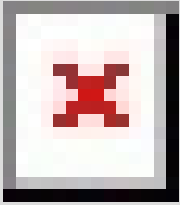
What you bring along:

- Degree in electrical engineering, mechatronics, automotive engineering, computer science, physics, or similar
- Experience in model based development using MATLAB/Simulink; TargetLink is beneficial
- Understanding of Li ion battery behavior and thermal characteristics desirable
- Familiarity with version control (Git), MIL/SIL testing, and automotive tool-chains (e.g., CANoe/CANalyzer)
- Analytical, structured, and collaborative working style with a strong sense of ownership and proactivity
- Fluent English required; German is an advantage

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What we offer:



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