SAM CN_ACTC_Algo Engineer

Your tasks

Job Description:
1. Provide algorithm-related technical support during the new project acquisition phase.
2. Create algorithm requirement documents and algorithm model design documents based on system architecture and requirements.
3. Develop algorithm models using algorithm development tools based on the algorithm design.
4. Write algorithm test cases and execute algorithm simulation tests.
5. Perform lead-acid battery parameter calibration.
6. Support market problem analysis.

Requirement:
1) Bachelor's degree or above (Master's preferred), majoring in Mathematics/Electronics/Computer Science
2) Familiar with common mathematical models (Fourier Transform, Kalman Filter, etc.)
3) 1-2 years of experience in algorithm model development
4) Familiar with algorithm development tools such as Matlab/Simulink, and have experience in automatic code generation
5) Understanding of battery characteristics, familiarity with the SoX algorithm strategy, and simulation verification of algorithm implementation are preferred
6) Familiar with C language software development
7) Good English speaking and writing skills
8) Experience in the automotive industry, BMS/IBS related development, and relevant battery development experience are preferred.

Job ID
REF11395I

Location
Chang Chun Shi

Leadership level
Leading Self

Legal Entity
AUMOVIO Automotive Systems Changchun Co., Ltd.

Our offer

Ready to take your career to the next level? The future of mobility isn't just anyone's job. Make it yours! **Join AUMOVIO. Own What's Next.**

About us

欧摩威集团于 2025 年9月由大陆集团汽车子集团分拆独立而成。作为一家电子技术与科技公司，欧摩威集团提供广泛的产品组合，致力于让出行安全、愉悦、互联且自主。其业务涵盖传感器解决方案、显示屏技术、制动系统以及舒适系统，并具备软件定义汽车所需的软件、架构平台及辅助系统等全方位技术实力。已归属欧摩威集团的业务领域，在2024 财年实现了196 亿欧元的销售额。集团总部位于德国法兰克福，在全球100多个基地拥有86, 000多名员工。

Job Template EN – Automotive

Since its spin-off in September 2025, AUMOVIO continues the business of the former Continental group sector Automotive as an independent company. The technology and electronics company offers a wide-ranging portfolio that makes mobility safe, exciting, connected, and

autonomous. This includes sensor solutions, displays, braking, and comfort systems, as well as comprehensive expertise in software, architecture platforms, and assistance systems for software-defined vehicles. In the fiscal year 2024, the business areas, which now belong to AUMOVIO, generated sales of 19.6 billion Euro. The company is headquartered in Frankfurt, Germany and has over 86,000 employees in more than 100 locations worldwide.