CareerCross by JAC Recruitment

CYIENT

Vehicle battery control software development

募集職種

採用企業名
CYIENT株式会社

求人ID
1490314

業種
自動車・自動車部品

会社の種類
大手企業 (300名を超える従業員数)

雇用形態
正社員

勤務地
茨城県

給与
経験考慮の上、応相談

更新日
2025年01月07日 11:00

応募必要条件

職務経験
3年以上

キャリアレベル
中途経験者レベル

英語レベル
ビジネス会話レベル

日本語レベル
ビジネス会話レベル

N2 and above

最終学歴
大学卒： 学士号

現在のビザ
日本での就労許可が必要です

募集要項

Position: Vehicle battery control software development
Location: Hitachinaka
Language: N2 and above

Job Description:

We are seeking a talented and experienced Vehicle Battery Control Software Engineer to join our growing team. In this role, you will be responsible for the entire development lifecycle of software for our vehicle battery control systems. You will be involved in all stages of the development process, from design and coding to testing and validation.

Responsibilities:
- Participate in the complete software development lifecycle for vehicle battery control systems

- Develop and maintain efficient and well-documented C/C++ code for battery control functionalities.
- Collaborate with design engineers to understand system requirements and translate them into software specifications.
- Participate in code reviews and ensure adherence to coding standards and best practices.
- Work closely with test engineers to define and implement test cases for various functionalities.

スキル・資格

Required Skills:
- Bachelor's degree in Computer Science, Electrical Engineering, or a related field.
- Minimum 3+ years of experience in embedded software development for automotive applications (or equivalent level of experience in a related field).
- Strong proficiency in C/C++ programming language.
- Experience with development tools and methodologies for embedded systems.
- Understanding of software development lifecycle (SDLC) for safety-critical systems (a plus).

Desired Skills:
- Experience in developing software for electric vehicle (EV) battery control systems (a plus).
- Experience with C# programming language (a plus).
- Knowledge of Pulse Width Modulation (PWM) processing for battery management.
- Knowledge of Controller Area Network (CAN) communication protocols.
- Experience with Hardware-in-the-Loop Simulation (HILS) for testing battery control systems (a plus).
- Strong problem-solving and analytical skills.
- Excellent communication and collaboration skills.
- Ability to work independently and as part of a team in a fast-paced environment.

会社説明