

PR/110800 | Control Design Leader

募集職種

人材紹介会社
ジェイ エイ シー リクルートメント インド

求人ID
1614585

業種
その他（メーカー）

雇用形態
正社員

勤務地
インド

給与
経験考慮の上、応相談

更新日
2026年11月10日 06:00

応募必要条件

職務経験
6年以上

キャリアレベル
中途経験者レベル

英語レベル
流暢レベル

日本語レベル
無し

最終学歴
短大卒： 準学士号

現在のビザ
日本での就労許可は必要ありません

募集要項

We are seeking an experienced Embedded Software Engineer to work on the development of advanced motor control and vibration suppression algorithms. The role involves developing and implementing control algorithms, machine learning techniques, model-following control, and adaptive filtering solutions on resource-constrained embedded microcontrollers.

The successful candidate will be involved throughout the development lifecycle, from algorithm design and simulation through embedded implementation, optimization, and verification using physical hardware. The role will also involve project coordination and technical guidance of engineers.

Key Responsibilities:

- Development of Damping Control Algorithm for Motor Control
- Development of algorithms utilizing machine learning, model tracking, or adaptive filters in embedded devices.

- Improvement of processing speed and code size shrink to a level that can be implemented on embedded microcontrollers with performance constraints.
- Verification of effects not only with a simulator but also with a physical device.
- Project management and engineer guidance.

Required Skills & Experience :

- Experience in embedded C(real-time control) or C++ programming (real-time control)
- Experience in AI implementation with embedded microcontrollers, or experience related to vibration suppression control for motors, deterioration detection, or automatic load.
- Experience implementing machine learning (SVM, NN, etc.) and adaptive filters (IIR, FIR filters, etc.) on microcontrollers

About Company:

Company is seting up a new plant and will be engaged in manufcaturing of power semiconductor components for various industries.

Notice: By submitting an application for this position, you acknowledge and consent to the disclosure of your personal information to the Privacy Policy and Terms and Conditions, for the purpose of recruitment and candidate evaluation.

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会社説明