

CYIENT

Construction Machinery HMI Developer

募集職種

採用企業名
CYIENT株式会社

求人ID
1490439

業種
自動車・自動車部品

雇用形態
正社員

勤務地
千葉県

給与
経験考慮の上、応相談

更新日
2025年02月04日 10:01

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
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: Construction Machinery HMI Developer

Location: Katsuta

Language: N2 and above

Job Description:

Responsibilities:

- HMI Development Lifecycle:
- Participate in the design process for HMI functions, ensuring alignment with user needs and project specifications.
- Develop detailed designs for HMI features, including user workflows, screen layouts, and interaction paradigms.
- Design unit tests to thoroughly verify the functionality of individual HMI components.
- Implement HMI features using C/C++ and Python programming languages.
- Integrate HMI components with the overall system architecture.
- Testing and Verification:
- Conduct comprehensive unit testing to ensure the correctness and functionality of HMI code.

- Collaborate with the testing team to execute integration testing, verifying seamless interaction with other system components.
 - Technical Expertise:
 - Perform static analysis of code to identify potential bugs and maintain code quality.
 - Maintain and document HMI code for future reference and maintainability.
 - Stay up-to-date on the latest advancements in HMI design and construction machinery technology.
-

スキル・資格

Qualifications:

- Bachelor's degree in Computer Science, Software Engineering, or a related field (preferred).
 - Minimum of 5 years of experience in developing HMI applications, preferably for industrial or embedded systems.
 - Strong proficiency in C/C++ and Python programming languages.
 - Experience with user interface design principles and best practices.
 - Experience with unit testing frameworks and methodologies.
 - Familiarity with static code analysis tools (e.g., Coverity, PVS-Studio).
 - Experience developing with Ubuntu for embedded systems (a plus).
 - Excellent problem-solving and analytical skills.
 - Strong written and verbal communication skills.
 - Ability to work independently and manage multiple tasks effectively.
 - A passion for construction equipment and user experience is a plus.
-

会社説明