

# 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04月01日 11:00

### 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  
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.
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## 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.
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## 会社説明