

CYIENT

Camera Image Quality Evaluation Software Developer

Job Information

Hiring Company[Cyient K.K.](#)**Job ID**

1490429

Industry

Automobile and Parts

Job Type

Permanent Full-time

Location

Kanagawa Prefecture

Salary

Negotiable, based on experience

Refreshed

April 1st, 2025 11:00

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

N2 and above

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

Position: Camera Image Quality Evaluation Software Developer**Location:** Totsuka**Language:** N2 and above**Job Description:****Responsibilities**

- Develop and maintain software applications for evaluating camera image quality metrics (e.g., sharpness, noise, color accuracy) using Linux C/C++
- Collaborate with hardware engineers to understand camera functionalities and capabilities
- Conduct research and independently define technical specifications and detailed design documents
- Work with camera ISP (Image Signal Processor) to control and configure image acquisition settings
- Debug and troubleshoot software issues using embedded development boards
- Create comprehensive verification lists and test plans to ensure software functionality

Required Skills

Qualifications:

- Bachelor's degree in Computer Science, Electronics, or a related
- Minimum 5+ years of experience in embedded systems development using Linux C/C++
- Strong understanding of image processing principles and algorithms
- Experience with camera hardware and ISP control is a plus
- Proven ability to research, analyse technical specifications, and work independently
- Excellent problem-solving and analytical skills
- Experience in creating functional specifications and detailed design documents
- Experience debugging software using embedded development boards
- Experience with creating verification lists and test plans

Company Description