

Video Pipeline & Vision Systems Engineer (ADAS)

募集職種

人材紹介会社
IZUMI NETWORK

求人ID
1610087

業種
自動車・自動車部品

雇用形態
正社員

勤務地
東京都 23区

給与
700万円 ~ 800万円

更新日
2026年09月02日 13:30

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
日常会話レベル

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

Role Overview

Seeking an experienced **Video Pipeline & Vision Systems Engineer** to support the development, validation, and deployment of camera-based ADAS solutions for automotive customers in Japan. The role focuses on video processing, image quality optimization, image stabilization, optics, and camera system performance. Based on the ADAS customer-facing role structure provided in the reference document.

Key Responsibilities

- Develop and optimize camera video processing pipelines for ADAS applications.
- Support image stabilization, image quality tuning, lens distortion correction, HDR, and low-light performance.
- Perform camera calibration, validation, debugging, and root cause analysis.
- Support ADAS features such as:
 - Lane Departure Warning (LDW)
 - Lane Keep Assist (LKA)
 - Traffic Sign Recognition (TSR)
 - Surround View Monitoring (SVM)
 - Driver Monitoring Systems (DMS)
 - Automated Parking
- Work with OEM customers during integration, validation, and deployment activities.

スキル・資格

Technical

- Video Pipeline Architecture
- Digital Image Processing
- Camera Systems & Optics
- Image Stabilization
- ISP (Image Signal Processing)
- Camera Calibration
- Image Quality Evaluation
- HDR, Exposure & White Balance Tuning
- Computer Vision Fundamentals

Tools

- OpenCV
- Python / C++
- MATLAB
- GStreamer
- CANoe / CANalyzer
- Image Analysis & Debugging Tools

Experience & Education

- Bachelor's/Master's Degree in Electronics, Computer Science, Image Processing, Optics, Automotive Engineering, or related field.
- 5+ years of experience in Automotive Camera, Vision Systems, or ADAS development.
- Experience in camera tuning, image quality, video processing, and vehicle validation activities.

Language

- Business English (Mandatory)
- Japanese (JLPT N4/N3) is added advantage

Work Location

- Japan (Customer Onsite)
- Customer-facing deployment and validation support role

会社説明