

Job offer technical laboratory

Camera Hardware Engineer - Calibration & Test Design

Job type: Full time

Remuneration: TBD

We are looking for a Camera Test Engineer with responsibilities for the camera test technology development and production test implementation.

You will develop production-ready test methodology and software (including image quality, electrical and optical testing) for camera system/module/component performance evaluation including CMOS sensor pixel, lens quality, actuator system, and illumination technologies. Have familiarity with megapixel CMOS image sensor technology, photographic lens selection and qualification, imager interfacing and tuning, have a strong knowledge of image sensor operation and control, and be familiar with digital imaging pipeline and algorithm. In addition, you will understand how to implement high precision and high-volume camera module tests.

Key Qualifications:

- Minimum 2+ years of relevant experience
- Good fundamental EE skills
- Strong knowledge of camera module operation
- Good Python programming skills on digital image processing and data analysis
- Experience with prototyping solutions, camera testing methodology and production-level testing environments
- Experience on camera/depth sensing device/optical device test
- Familiar with CMOS image sensor and digital imaging pipeline and algorithm (AE, AWB, etc.)

Extra qualifications:

- 1 year experience with Linux
- 1 year experience with embedded C++
- Experience in Automatic Test Equipment

Education requirements:

B.S./M.S. in Engineering, Color Science, Imaging Science, Physics, or equivalent preferred

Please email your CV and cover letter kris@clearimageai.com