

Computer Vision Engineer Intern

The job mainly focuses on the image/video/audio processing, including the image quality enhancements, like HDR, Super-resolution, Color correction, image understanding; defect detection, like dot/line/mura detection, defect segmentation; acoustic signal processing, like audio separation and acoustic effects. In algorithm development, traditional methods are preferred and deep learning algorithms with few shots are also welcome. Code optimization and Network optimization will take in consideration in project.

Responsibilities:

Design generalized algorithm for image/video/audio processing.

Support to AI-based vision data processing and corresponding deep learning algorithm development

Requirement:

-Bachelor or above in STEM-related discipline such as Computer Science, data science, Electronic Engineering, Information Engineering, Mathematics or relevant discipline.

-The candidate should be interesting in the field of computer vision, image processing and machine learning, multi-media A/V processing;

-Experience in programming using C++/Python;

-Experience in image processing or machine learning, or deep learning model development;

-Preferred: Experience in deep learning frameworks (OpenCV, TensorFlow, Caffe, PyTorch);

-Preferred: Experience in below areas: defect detection/segmentation, super-resolution, image enhancement, audio processing, etc.