



**Hong Kong Applied Science and Technology Research Institute (ASTRI)** was founded by the Government of the Hong Kong Special Administrative Region in 2000 with the mission of enhancing HK's competitiveness in technology-based industries through applied research.

ASTRI's R&D efforts are directed towards five areas of applications, namely Smart City, Financial Technologies, Intelligent Manufacturing, Health Technologies, and Application Specific Integrated Circuits / CNERC.

Title	Senior Lead Engineer / Lead Engineer, Quality Control
Job Ref No.	CTO/CCT/MSA/2564/191126 (Please quote this Job Ref No. with your application.)

### Job Responsibilities

- Work closely with customers in Mainland and Hong Kong and may need to site visit.
- Develop algorithms for NLP and Computer Vision using Deep Learning.
- Develop a centralized testing platform for different algorithms and different deployment platforms.
- Develop infrastructure of the deployment for the project results.
- Prepare complete testing plans for the deliverables and develop testing platforms.
- Execute various regular tests according to testing plans.
- Monitor performance on different deliverables and provide suggestions on improvements
- Perform independent R&D work including literature study, open source code search and patent reading.

### Requirement

- PhD holder or Master's degree in Computer Science, Electronic Engineering, Information Engineering, Mathematics or relevant disciplines with minimum 3 years of related experiences. Candidates with less experience may also be considered.
- Solid development experience in image processing, computer vision and machine learning.
- Familiar with machine learning algorithms on OCR related development, natural language processing and image processing applications will be a strong plus.
- Familiar with algorithm development with C/C++ on Windows, Linux, MacOS, iOS and Android platforms is a plus.
- Familiar with software testing and quality control is a plus.
- Skilled in C/ C++ coding, parallel computing such as OpenMP and GPU programming such as CUDA
- Fluent in written and oral communication in English, Cantonese and Mandarin

### Application

The appointment will be on renewable contract terms with a competitive salary and performance-linked variable pay. Fringe benefits include paid leave, medical and dental benefits, insurance coverage and contribution to MPF. The incumbent will normally work a five-day week.

Interested candidates please send application (quoting Ref. No.) with detailed resume, current and expected salary to Talent Acquisition via email to [careers@astri.org](mailto:careers@astri.org)

Application will be open until the position is filled. Only short-listed candidates will be notified. ASTRI reserves the right not to fill the position.

ASTRI is an Equal Opportunities Employer. Personal data provided by job applicants will be used exclusively for recruitment only.