



The 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 Hong Kong's competitiveness through applied research. ASTRI's core R&D competence in various areas is grouped under five Technology Divisions: AI and Big Data Analytics; Communications; Cybersecurity, Cryptography and Trusted Technologies; Integrated Circuits and Systems; and IoT and Sensors. It is applied across five core areas which are Smart City, Financial Technologies, Intelligent Manufacturing, Digital Health, and Application Specific Integrated Circuits.

Over the years, ASTRI has nurtured a pool of research, I&T talents and received numerous international awards for its pioneering innovations as well as outstanding business and community contributions. To date, ASTRI has transferred over 750 technologies to the industries and been granted more than 900 patents in the Mainland, the US, and other countries.

Title	Principal Engineer / Senior Manager, Machine Learning
Job Ref No.	CTO/CCT/MSA/2701/210204 (Please quote this Job Ref No. with your application.)

### Job Responsibilities

- Assist R&D director to initiate new projects using computer vision/machine learning technologies etc.
- Lead the project team to design, implement, test and deploy solutions using latest technologies.
- Meet with customers to understand their business need and propose technical solutions.
- Mentor team members on software and algorithm development

### 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
- Expertise in building distributed system/enterprise/web/cloud applications with track record
- Proficiency in one or more of the following technologies: Java/Scala/python, SQL/NoSQL database, Play framework
- Solid development experience in image processing, computer vision and machine learning
- Familiar with machine learning algorithms on computer vision, OCR related development, natural language processing and image processing applications will be a strong plus
- Familiar with algorithm development with C/C++ on Windows and Linux platform is a plus.
- Skilled in C/ C++ coding, parallel computing such as OpenMP and GPU programming such as CUDA
- Experience in systems analysis, including defining technical requirements and performing high level design for complex solutions is a plus
- Experience with engineering tools such as bug tracking and source code control systems is a plus
- Development experience with Agile Methodology
- Engineering management experience is a plus
- Strong communication skills, ability to communicate effectively and manage relationships with stakeholders coming from both technical and non-technical backgrounds
- Fluent in English, good written and oral communications skills; strong team spirit and interpersonal skills

## **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 an application (quoting Ref. No.) with a detailed resume, current and expected salary to Talent Acquisition via email to [careers@astri.org](mailto:careers@astri.org)

The 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.