



[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	Principal Engineer, Digital System Design
Job Ref No.	CTO/ADS/SSP/2483/190401 (Please quote this Job Ref No. with your application.)

Job Responsibilities

- Lead the technical team in algorithm and hardware architecture development.
- Assist in R&D project development.
- Carry out logic and software design.
- Research in latest Blockchain and AI applications.
- Train new talents.

Requirement

- Bachelor's Degree in Computer Science/ Electronic Engineering/ Electrical Engineering/ Information Engineering/ IC Design or related fields with 10+ years' experience, or Master's Degree with 8+ years' experience, or PhD holder with 5+ years' experience in related area.
- Algorithm Design experience in Blockchain and AI is an advantage.
- Experience in HDL coding is preferred.
- Hands-on experience in IC design and verification (e.g. System Verilog) is preferred.
- Experience in FPGA prototyping and debugging is an advantage.
- Excellent analytical and troubleshooting skills.
- Passionate about new technology.

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

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.