



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	Senior Lead Engineer / Lead Engineer, Firmware Development
Job Ref No.	CTO/CCT/SSP/2733/210520 (Please quote this Job Ref No. with your application.)

Job Responsibilities

- Development of device drivers for hardware devices
- Development of firmware for embedded system
- Work with hardware engineers in firmware development
- Portation of software to new CPU architecture
- Responsible for the complete cycle of development including design, coding, debugging, and documentation

Requirement

- PhD holder or Master degree holder in Computer Science/Computer Engineering/Information Engineering or relevant disciplines with minimum 3 year of related experience. Candidate with less experience may also be considered.
- Experience in C and assembly programming for embedded system is a plus
- Experience in Linux device driver development is a plus
- Experience in Real Time Operating System programming is a plus
- Experience in RISC-V architecture and programming will be an advantage
- Experience in Linux and GIT version control will be an advantage
- Live ASTRI values

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

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.