Deepsky is looking for Computer Scientists to be part of its R&D team in Hong Kong.

Deepsky is a fast growing technology start-up that have designed a new generation of high resolution, large format LED displays for commercial applications. Deepsky operates globally, with customers in the USA, Europe and Asia.

These novel digital displays integrate many advanced technologies: solid-state light-emitting devices, backend chip integration & encapsulation, novel video frames processing and pixel structures, ASIC based digital signal processing, reliable power distribution, thermal & mechanical design.

Deepsky's customers are blue chip companies operating in the Retail, DOOH and pro-AV markets.

Deepsky's headquarter, R&D center and pilot manufacturing facilities are all located in Hong Kong (Tsuen Wan area). Deepsky has a R&D team dedicated to software developments in Paris, and sales offices in Paris, Hong Kong and San Francisco.

CONTEXT
After years working on developing a breakthrough display technology in the booming market of large format digital display, along with the set-up of a pilot manufacturing plant in Hong Kong, Deepsky is experiencing an exponential growth with global customers.

Deepsky has now released a first product generation, along with its manufacturing techniques. This initial release only benefits from the first part of the technological roadmap Deepsky envisions. As the company is now getting bigger and stronger, it can move further on more fundamental R&D fields, including innovations at the pixel level.

We have an open and opportunist approach and will welcome applications from any Scientist, Engineer or Physicist, already experienced or just recently graduated, with Majors or a solid background in the relevant fields.

THE JOB
Deepsky is looking for a Computer Scientist to develop numerical modelings in the field of :

- Theoretical approach to improving the perception of display colors by the human vision system
- LED pixels modelization

We value pragmatic Scientists with hands on experience, specially in optics.

You will have the opportunity to work within the R&D team to develop numerical models to describe and better understand the physical behaviour of a complex video matrix and its perception by the human vision system. Your results will have to be compared with the international video standards in developments (Dobly Vision, HDR10).

Foreign applicants are welcome, we offer support for VISA applications and relocation to Hong Kong.

REQUIRED SKILLS

- PhD or Master Degree in Optics, Opto-electronics or Applied Mathematics
- Proven ability to multi-task and execute projects
- Good problem solving, creative and with a rigorous scientific approach
- Able to work independently as well as in a team work environment
- Good command in English

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