

Job Title: Application Engineer

Job Description:

The charter for Application Engineering at Luminescent is to drive the adoption of Luminescent Inverse Lithography Technology (ILT) and products by demonstrating improvement in the customers design and manufacturing process, in particular, lithography and Resolution Enhancement Technology (RET) related. The Application Engineer will provide usage models and support for applications spanning semiconductor design to silicon implementation. This position will be based in Hsinchu, TW, and the engineer will be supporting a leading edge semiconductor company. This position has a software tool/suite development focus and requires interaction with internal and external customers as well as a close working relationship with the tool development organization to develop and deploy software tools spanning Design, Layout, Mask Data Fracturing, through photomask generation. In addition the Application Engineer at Luminescent communicates customer and market needs to R&D, develops integrated flow solutions for specific customer needs and provides tool support. The ideal candidate will be a versatile individual with a wide span of skills to successfully perform in this key position. Training will be provided at USA headquarter and also at customer site.

Job Requirements:

Must have M.S - Optics and Physics background, with programming experience, or Masters in EE/CS and Semiconductor or Mask Design/Engineering Experience.

Some experience in Semiconductor/Mask Design, RET, and photolithography.

Knowledge of programming or scripting with PERL, Python, &/or matlab. Working knowledge of UNIX and LINUX.

Excellent communication and organizational skills.

Some experience is preferred with wafer lithography and other IC fabrication techniques, use of DRC or OPC tools is desirable.

Mandarin and English language skills are required for Hsinchu position.

Contact Information:

Thuc Dam

tdam@luminescent.com

002-1-650-433-1049 (office)

002-1-214-392-1661 (mobile)