Job Advertisement

JSAB Technologies Ltd. – A high-tech start-up company in Hong Kong specialized in the design, R&D, and sales of power semiconductor products. Major products include advanced power metal-oxide-semiconductor field-effect transistors (MOSFETs) and insulated-gate bipolar transistors (IGBT). JSAB’s technical expertise covers device design, technology development, micro-fabrication, quality assurance, device testing, failure analysis, etc. We are currently looking for Product Development Engineers/ Senior Engineers. The candidates will take part in the different stages of the development of power semiconductor device products such as:

- Design: Literature review, patent review, TCAD simulation, etc.
- Development: Technology development, design optimization, etc.
- Production: Wafer fabrication, packaging, etc.
- Qualification: Product testing, failure analysis, etc.

Requirements:
- Bachelor’s or Master’s degree holders in Microelectronics/ Electronic Engineering, or in Materials Engineering/ Physics with research experience in semiconductor devices
- Fresh graduates or experienced engineers in the semiconductor industry
- Knowledge in semiconductor devices such as diodes, MOSFETs, IGBTs, etc. will be a plus
- Knowledge in TCAD simulation, wafer fabrication, packaging and characterization will be a plus

Our office is located at the beautiful campus of the Hong Kong University of Science and Technology at Clear Water Bay. We offer good career path, diversified work exposure and competitive remuneration package. Interested parties please send detailed resume with expected salary by email to Dr. Jacky Ng (jackyng@jsab.com.hk).