

October,16,2012

Dear Hiring manager:

I saw the job description regards to Applications Development Engineer at KLA-Tencor, I think my expertise and past experience will fit me for this position ideally. I own a Master degree of Electrical and Computer Engineering, and have 4+ years laboratory experience working on different projects. The reason I believe that I can handle this position well are summarized as the following.

In short, my key strength can offer you with:

- Hands-on experience in semiconductor fabrication includes Lithography tools, PR development, wafer characterization tools... etc.
- Understanding of semiconductor fundamental and optical engineering.
- Building modules from off-the-shelf components and good project managements.
- Good interpersonal skills and a team player.

In the role as a research assistant in graduate school, my work involves in development of imaging system from concept to prototype verification. The projects successfully demonstrated the feasibility of proposed solutions and are published into conference as well as journals. Thus, I have experience in system-level product development and am capable of proposing solutions as well as troubleshooting. Through the experience of oral presentation in conference and serving as a technical TA, I can produce good technical presentation as well as comprehensible documents.

Besides my research experience, my course training includes image processing, VLSI fabrication, optics, photonics device laid me solid engineering fundamental to explore different field. I acquired knowledge on semiconductor fabrication, optical lithography physics, and practical experience using the instrument to characterize wafer. I believe my academic training of problem solving in various projects and practical experience using instruments can serve as a good communication window while resolving customers' problem in different fields.

KLA-Tencor has various product development related to different applications, this provides a good chance to get involve in a high diversity of technology and can expend my horizontal in depth. Therefore, I strongly wish to enter KLA to start my career in semiconductor industry. I believe my expertise in optics and semiconductor engineering can contribute to company and serve the position

well. Moreover, when in needs of traveling internationally, my bilingual skills (Chinese, English) and understanding of local culture can be a plus to better serve customers.

In the end, I have attached my resume for you. If you have any question please feel free to contact me. Thank you for your time, and consideration of my application, I looked forward to hearing from you.

Best regards,

Sih-Ying Wu

Attached: Resume