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| Dear Sivaram:        I saw the job description from LinkedIn regards to Staff Software Engineer, I think my expertise and past experience will fit me for this position ideally. Therefore, I have attached my resume for you to review. The reasonㄋ I believe that I can handle this position well are summarized as the following.  In short, my key strength can offer you with:   * 4 years experience in developing optical system includes imaging system and diffraction optics. * Experience in developing algorithm for imaging systems. * Experience and fundamental of image processing algorithm. * Programming skills using Matlab, C++, LabVIEW   In the role as a research assistant in graduate school, I have been involved in different projects development from concept to prototype. The system I’ve worked on is closely related to Fourier Optics, and I have developed different algorithm for programmable binary mask to increase the image quality. Thus, with the experience of system-level development and software development, I have accumulated hands-on experience in both aspects.  Besides my research experience, my course training includes image processing, VLSI fabrication, Optics, Photonics device and independent coursework includes Fourier Optics, which is closely related to my thesis work. Therefore, I am familiar with optical lithography, and have practical experience using the instrument as well as the understanding of physic fundamental.  KLA-Tencor has various product development related to different application, I believe my expertise in optical engineering and image processing can contribute to company and serve the position well. I also believe that KLA-Tencor can provide me the essential keys to grow my skills in the near future.  Therefore, if you favor my application, or if you have and question please feel free to contact me, I will be answering you with my best.  Thank you for your time, and consideration of my application, I looked forward to hearing from you.  Best regards,  Sih-Ying |