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| Dear Hiring Manager,  I am writing this letter to express my interest in the position of Optical System Engineer at Microsoft. I graduated with my master degree recently, so I am ready to contribute my expertise to my career. From the description of the job responsibility, you are seeking for an Optical System Engineer that can develop optical system from defining concept to developing prototype. I think, my past experience and diverse expertise will qualify me to satisfy your needs. My resume is attached for you to review.  I have worked as an optical engineer for more than four years in different research associations. In the role as a research assistant, my work involves researching various topics that related to beam shaping, imaging system and Fourier optics. I successfully developed the defect-free holographic display with mathematical modeling and constructed the prototype of this system with experimental demonstration. In my past experience, I have accumulated rich hands-on experience working with optical systems with various light sources, from visible light to near-IR light source, and from semiconductor laser to fiber laser. I familiar with lab tool such as spectrometer, photo-detector, and different types of camera as well as calibration methodologies.  In short, my key strength can offer you:   * Knowledge of design of experiments (DOE). * Solid background in optical technologies and optical instruments. * Programming skills includes: C++, Matlab, LabVIEW * Using CAD tools, such as Solidwork to visualize product prototype. * Building systems from off-the-shelf components with tight budget and press schedule.   Besides my research, I actively attended classes that are project-oriented to gain more hands-on experience. My course trainings include Medical Imaging, Imaging Processing, Optics and Photonic Device and other fabrication-based courses. Therefore, I am familiar with medical instrument that employ optical engineering, ultrasonic engineering and MRI. Through those in class projects, I have hands-on experience to address the data read-out from medical instrument for various image reconstructions.  I believe I can handle this position well with my diverse skills and my enthusiasm in optical engineering. As a Master students, I prepare myself with theoretical foundation as well as practical experience. I believe that my expertise can satisfy your needs as an Optical System Engineer and can serve the position well. Triple Ring Technologies has versatile technologies in imaging systems, and it’s still actively pursuing the best. I believe such an environmental will enable me to grow my skill rapidly. With the goal to become a top engineer in the field, I strongly wish to have a chance to enter Triple Ring Technologies.  Therefore, I am hoping you to favor my application and would give me a chance to interview for this position. Please feel free to contact me if you have any question. I look forward to hearing from you.  Best,  Sih-Ying Wu  Attached: Resume |