

Aug. 01. 2014

Dear DIRECTV,

This is Chung-Hau Wang, graduated from the University of Southern California (USC) with the M.S. in Mechanical Engineering and specializing in Engineering Design and Control. I am now actively looking for job opportunities and am interested in your position at Design Thinker/ Product Design Engineer (Job Number: 1401857) that was advertised through your website.

I am familiar with engineering/mechanical design and computer-aid-design (CAD). As an engineering designer, I can very quickly extract the customer needs, arrange the needs for variant combinations with a more systematic manner, and go ahead to have strategic planning for the final products; as a mechanical designer, I can have a more holistic view over the product's mechanical behavior and can have technical ways to look into material's mechanical property of the products. Carrying the design knowledges, I will be able to go through the design process from ideation to realization. Further assisted with CAD tool skills, I've led my team early in my college time to design and modify the functions for medical devices and won the honor of First Place in 2006 Taiwan Innovative Mechanism Design Competition sponsored by National Science Council of Taiwan. During my time at USC, I go ahead to enrich my skill kit by having project experiences on applying CAD tools (SolidWorks & Catia) to 3D modeling for electrical devices and miscellaneous components, and to finite element analysis (FEA) in stress/strain, vibration, thermal, and buckling problems. Besides, I also have knowledge in control/dynamics/vibration theories and programming experience in Visual Basic and Visual C++, and have worked in USC as the grader for engineering vibration. I am an ambitious, proactive, and energetic team player. Not only as I mentioned, I have interacted well with my teammates and led them to earn the First Place; but also basing on my education at USC and project experience in CAD design and FEA, I still keep myself busy to self-study Java and Python.

I am ambitious, proactive, and energetic. I believe my experience and education fit your requirement very much. I would like to talk more to you about my qualification and this job opening. Looking forward to hearing from you soon. Thank you for your time and consideration.

Sincerely,

Chung-Hau Wang