

February 10, 2014

Dear Tesla Motors,

I'm very interested in the full-time position at Mechanical Design Engineer-Mobile Charging Systems (Job Code: 16104) that was advertised through your careers website. I was a graduate student at the University of Southern California majoring in Mechanical Engineering and specifying in Design and Control area. I have graduated in December, 2013.

I have had great experience in engineering design. Early in my college time, my design works earned me the first place in National Science Council of Taiwan held competition and nominated positions in International Creativity-in-Action Contest. Further during my time at USC, I focused on design, and I had rich experience in design projects. I used CAD tools, such as SolidWorks, AutoCAD, etc., in projects to do design modeling and finite element analysis (FEA) in stress/strain, vibration, buckling, and thermal problems. I have also taken design theory courses so that I will be able to do product design in a more systematic manner. Furthermore, I have also taken control courses. I believe my understanding in control theories can as well do helps.

Besides the programming experiences I have had in Visual Basic, C++, MatLab, etc., I am still self-studying java and python. I believe I am an ambitious, proactive, and energetic person, and I am confident my good personalities will remain myself competent in career.

The combination of my education at USC, design/project experience, and my self-accomplishment personality has and will be equipping me with skills necessary to be a successful employee. I believe this position will provide me with opportunity with which I can learn more and get more professional. I would like to discuss my qualifications with you in person. I look forward to hearing from you. Thank you for your time and consideration.

Sincerely,

Chung-Hau

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