

Dear LEGO,

This is Chung-Hau Wang. I'm interested in your position at Mechanical Engineer for Front End Part Design. I'm now a mechanical engineer with experience in design, 3D CAD modeling, finite element analysis (FEA) for mechanical systems, vibration, control theory, computer control of mechanical systems, and quality control. I've worked in Meritek Electronics Inc. for major clients, such as Siemens, and have worked for the department of Aerospace & Mechanical Engineering of University of Southern California (USC).

Until recently, I've been working as the quality control engineer for Meritek Electronics Inc., an electronic component manufacturer focused on the chargers for electric vehicles. In this role, I was focused on functional and physical debug and quality control for the products; I was also responsible for maintenance and calibration for the machinery and tools involved in manufacturing. Meanwhile, I administered and trained the workers on the manufacturing line and helped in keeping the manufacturing process away from problems.

Colleagues know me as a flexible and innovative thinker, a meticulous worker, and an easygoing friend, who can always be trusted to come up with new approaches and be relied on in assisting the manager with handling the company's tasks; but I know it would never be enough for being a good engineer so that I keep studying to keep myself updated in my leisure time after work. I'm able to work well alone, and I'm at my best collaborating with others.

I've earned my M.S. in mechanical engineering from USC and specified in design and control. I've had rich project experience relative to design, computer control of mechanical systems, dynamics, and vibration by means of 3D CAD tools (such as Solidworks, CATIA), MatLab, and AutoCAD; I'm also familiar with method of FEA and programming languages, such as Visual C++, JAVA, and Python. I'm also a design lover; I have a patent for medical assistive devices, and it is on the way to be realized.

I'm currently actively pursuing opportunities and am eager to join you. I can be reached either through email at chunghau@usc.edu, or by phone at (213)359-9740. Thank you for your time and consideration. Looking forward to hearing you back soon and you have a good day.

Sincerely,

Chung-Hau Wang

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