

Dear Zimmerman & Associates,

This is Chung-Hau Wang. I'm currently actively looking for job opportunities and am interested very much in your position at Assistant Mechanical Engineer. I'm a mechanical engineer with experience in finite element analysis (FEA) and vibration analysis for mechanical systems, computer-aided design, 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 thinker and meticulous worker, who can always be trusted to come up with a new approach 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'm familiar with mechanical mechanisms, and I've had project experience relative to engineering design, dynamics, vibration, and computer control of mechanical systems by means of Solidworks, CATIA, MatLab, and AutoCAD; I'm also familiar with method of FEA on engineering problems—such as stress/strain, vibration, and thermal dynamics, and programming languages (Visual C++, JAVA, Python, etc.). I'm also a design lover; I now have a patent for medical assistive devices.

I'm currently reachable through email at chunghau@usc.edu or through phone within 1:15pm and 2:00pm (PST) at (213)359-9740. Looking forward to hearing from you soon. Thank you for your time and consideration.

Sincerely,  
Chung-Hau Wang