

My name is Chung-Hau Wang. I graduated from the University of Southern California (USC) with M.S. in Mechanical Engineering and specifying in Design and Control area. During my time at USC, I have taken courses in vibration and worked as the grader of Engineering Vibration; I have also taken courses in control and engineering design, and had experience in doing vibration analysis and CAD design. I have done projects which modeled and analyzed automobile's suspension systems and airplane's wings systems with MatLab, and have used SolidWorks and CATIA to do 3D modeling for power regenerative devices, flyers and other different components, and to do finite element analysis (FEA) in stress/ strain, vibration, buckling, and thermal stress/ strain problems. I got really high achievements in the projects. Besides, I had programming experiences in Visual C++ and Visual Basic, and in order to broaden my engineering tool kit and to fulfill my curiosity in technologies, I further self-studied Java and Python, and audited classes of Artificial Intelligence.

I have shown strong interest in design early in my college time at National Chung-Cheng University. I was a member of Initiative Design & Engineering Club and participated in design competitions like 2006 Taiwan Innovative Mechanism Design Competition and the 7<sup>th</sup> International Creativity-in-Action Contest for University Students. I earned great honors in both competitions. Beyond these, what I think to be more enthralling is that I become more a good team player and by applying what being learnt in class, I got positive feedback and became further addicted to engineering and design.

Throughout my growing experience, I may have encountered miscellaneous adversities and challenges. However, I was delighted to take them; they made a mature man out of me, and I love sports and travels; they keep stresses away from me. As a result, I would consider myself energetic and optimistic, and further combining my experiences on projects and USC's education, I will think myself more as an energetic, optimistic, proactive, and ambitious person. My personality gives me basic strength; my education and project experience make me professionally competent. I have been equipped with skills necessary to be a successful employee, and I believe you would provide me with opportunity with which I can get more professional.