

I'm a mechanical engineer with experience in robotics, laboratory management, dynamics/kinematics, control, and computer-aided design. I've worked in Industrial Technology Research Institute (ITRI) of Taiwan with the major products of industrial and service robots, and have worked for the department of Aerospace & Mechanical Engineering (AME) of University of Southern California (USC) in relevant areas.

Until recently, I've been working as the Associate Engineer in Robot Group of the department of Mechanical and Mechatronics Systems Research Laboratories (MMSL) of ITRI; I focused on establishing and managing the robot laboratories, which concern combinations of diverse tasks, skills of organization and planning, and knowledge of robotics and control. In the meantime, I also kept myself warmed up and up-to-date by designing and 3D printing prototypes of mechanical stuffs and by participating in conferences, such as International Conference on Medical Device Standards. I believe robots will meet its most comfortable area and reach its most efficient application in medical fields, and I expect I shall be able to apply what I've earned in ITRI to what this position would need.

Colleagues know me as a reliable person, who is a flexible thinker and meticulous person, not only because of my firm background in the professionals but because I spontaneously keep promoting myself. In my leisure time after work, I further self-studied android app development and Linux OS, and proactively got trainings in topics of Virtual Reality (VR), big data, etc. I am always vigorous in leaning something new in case I shall need the skills for solution in the future.

I earned my M.S. degree in mechanical engineering from USC, during which I've earned technical skills in Solidworks, CATIA, Matlab, AutoCAD, etc. from the project experience in engineering design, computer control of mechanical systems, dynamics, and vibration analysis; I not only have knowledge in finite element analysis (FEA) but program with such as C++, and JAVA. Beyond an engineer, I expect myself to be a designer who can always provide solutions for better life so that I designed a medical assistive device and applied a patent for that; hopefully, I'll keep designing in my future.

I'm currently looking for any possible creative and interesting opportunity and can be reached either through my Linkedin profile at <https://www.linkedin.com/in/wangchunghau> or email at [chunghau@usc.edu](mailto:chunghau@usc.edu).