

Curriculum Vitae

LAI, ZE-HAO

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Contact Information

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Education

Missouri University of Science and Technology, USA (Aug 2016-)

M.S. Manufacturing Engineering

National Chung Hsing University, Taiwan (Sep 2011-July 2015)

B.S. Bio-Industrial Mechatronics Engineering

Experience

Teaching Assistant, National Chung Hsing University 2014

- Demonstrated circuit model for Fundamentals of Electricity
- Helped with the course by solving students' problems

Internship, Aerospace Industrial Development Corporation 2014

- Manufacturing and Material processing of aircraft
- Participated tooling/molding manufacturing process
- Organized the standard operating procedures based on the specifications provided by Airbus, Boeing, Bombardier, Honeywell and Bell

Project research, National Cheng Kung University, 2014

- Position evaluation of object through electrical compass
- Troubleshooting and repair for VDR (Voyage Data Recorder)
- Improvement in efficacy and quality of circuit construction

IEEE International Robot Hands on Competition & Symposium 2014

- Designed and built a robot with abilities of basketball shooting, moving obstacles avoidance, and target identification
- Coded programming system collaborating with sensors

Computer

Skills

Languages:

C++, Fortran, LabVIEW, MATLAB, Visual Basic

Software:

AutoCAD, Solidworks, Tina Pro