EDUCATION

1. From 2001 to 2005
Bachelor: mechanical design(Graduation: July. 2005)
Dept. of Mechanics and Automobile
Hefei University of Technology(HFUT) , China
GPA: 83.3/100

2. From 2005 to 2008
Master : Mechanical Design
Dept. of Mechanics and Automobile
Hefei University of Technology(HFUT) , China
GPA: 82.9/100

3. From 2008
Master : Solid Mechanics
Dept. of Mechanical Engineering
University of Wyoming

Honors & Awards

- 2003 HFUT Excellent Student Fellowship
- 2004 HFUT Excellent Student Fellowship

ACADEMIC ACTIVITY

Postgraduate Research Projects:

1. Three Dimensional Designing and Molding of Radar Parts (Fall, 2005)

Design and revision of a radar structure: Design a smart mechanical structure for a radar system. Including a)structure revision: Stress analyzing and sound effect controlling; b) modeling designed structure in 3-D environment(PRO/E)

2. Implementation of Customized Design System For Commonly Used Parts(Gears) with CATIA (Programming in VC) **(**(Spring, 2006)

A system for geometrical modeling and strength verification of commonly used parts is realized。Under the VC environment，based on CAA RADE platform，architecture of the system is built. And the process of building three dimensional model with CATIA API has been programmed with this system.

3. Implementation of Customized Design System For Commonly Used Parts with U.G. (Programming in VC)(Fall 2006-Spring 2007)

Including Gears bearings and belts. Modeling and strength verification work have been done on a software platform programmed by VC and UG OPEN API

4. Design works of a SCARA(Selective Compliant Articulated Robot Arm) Industrial robot (Summer 2007)

This SCARA robot is an industry robot. It has four free

degrees. Among them, three are revolving degrees and one is move free degree. It can do flat surface move with an attribute of flexibility. The designing work includes mechanical system designing, control system designing and programming a soft ware to for the whole system.

5. Parameterization design of parts used in General Motors(Fall 2007-now)

Publication:

Implementation of Customized Design System for Commonly Used parts in UG……MACHINE TOOL & HYDRAULICS Magazine.(published in Dec, 2007)

Teaching Expericnce:

Working as a part-time teacher in Anhui Provincial artillery Training School (Mechanical Drawing and English)(09/2007-now)

STANDARD TESTS

* **TOEFL: Reading** 27, **Listening** 25, **Speaking** 17, **Writing** 18, **Total** 87 (2007.10.27)
* **GRE: Verbal** 500, **Quantitative** 760, **Analytical Writing** 3(2007.6)

COMPUTER SKILLS

- **Environments:** MS-DOS, Windows.
- **Language:** Visual C++, Matlab.
- **PC Software:** SolidWorks, Unigraphic, PRO/E

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