

JIE ZHAO

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OBJECTIVE

To obtain a full-time position utilizing my experience and skills in vibration, control, analytical modeling and simulations.

EDUCATION

- 2014** **Master of Science: Mechanical Engineering**
State University of New York at Buffalo — Buffalo, NY, USA
- 2012** **Bachelor of Science: Mechanical Engineering**
Zhejiang Normal University — Jinhua, Zhejiang, China

KEY SKILLS

- | | |
|------------------------|-------------------------|
| ▪ Software: | ▪ Machines: |
| ▪ Auto-CAD. solidworks | ▪ Mill . Lathes . Drill |
| ▪ Abaqus . Labview | ▪ Press. Band. Saw |
| ▪ Matlab . Multism | |

RELEVANT EXPERIENCE

- **State University of New York at Buffalo**, Different course and Lab related projects in Department of Mechanical Engineering
- **2010 Calculated related details of the system, drawing design by CAD Hydraulic Automatic Test Bed** (The 6th "Challenge Cup" Business Plan Competition for College Students) *Supervisor: Dr.Baode Jin*
- **2010 Drawing design by CAD and make proposal of Business Plan Competition based on this product Design and Manufacture of Carbon-free Small Car** (2nd Undergraduate Engineering Training Integrative Ability Competition, Zhejiang Division) *Supervisor: Dr.Hongxiang Yu*
- **March 2011 Proposed construction of car, drew parts drawing, machined some components Automatic Detection and Eliminating System for Gas** (The 3rd "Qituan Fund" Undergraduate Research and Innovation Project, College of Engineering) *Supervisor: Dr.Hongxiang Yu*
- **Zhejiang Wanier Transmission Co., LTD** June 2011 -Aug 2011 studied various kinds of car's transmission structure and manufacturing method
- **JunDiao Craft factory** 2006.02-2008.08 service technician

PUBLICATIONS

- **Research on the Turbine of Logging While Drilling Underground Generator**, *Chinese Journal of Optical Precision Engineering*, 2012, 20(3) 616-624 ISSN: 1004-924X CN: 22-1198/TH
- **The design specification of adaptive electromagnetic damping type tall escape descent device**, *Journal of Machinery*
- **In-situ roundness measuring and correction for pin journal in tangential point tracing crankshaft grinder**, *Precision of Engineering*

PATENT

- **Hydraulic Pumping Unit**, *Zhejiang Normal University*, November 14, 2012: CN201120579761
- **Logical-integration Hydraulic Oil Extraction Equipment**, *Zhejiang Normal University*, August 15, 2012: CN201120517835
- **Automatic Hydraulic Pumping Unit**