

# Xun Jia

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- OBJECTIVE** To obtain a full-time position in green building design, HVAC design, life cycle assessment, energy savings, heat and thermal transfer.
- EDUCATION**
- Ph. D of Mechanical Engineering** June 2009  
University of Florida, Gainesville, FL  
GPA: 3.78/4.0 (90 credit hours)  
Ph. D Dissertation Topic: Life Cycle Assessment of HVAC System
- Minor of Building Construction** August 2009  
University of Florida, Gainesville, FL  
Concentration: Green Building Design, Sustainable Construction
- Master of Mechanical Engineering** December 2007  
University of Florida, Gainesville, FL  
Coursework includes Energy Conversion, Advanced Refrigeration, Solar Utilization, Thermodynamics, Conduction Heat transfer, Convective heat transfer, Fluid Mechanics, Numerical Methods, and Principles of Engineering Analysis
- Bachelor of Civil Engineering** June 2005  
Dalian University of Technology, China
- LICENSURE** **LEED Accredited Professional, EIT Engineer**
- EXPERIENCE**
- Research Assistant** August 2005 - Present  
University of Florida, Department of Mechanical Engineering, Gainesville, FL
- Florida Power and Light sponsored Refrigeration Project, evaluating demand and energy saving performance several innovative flow control valves on commercial refrigeration case in supermarket, achieved 18% energy savings.
  - LEED Green Building Design, Historic Museum Cotton Club, Gainesville, FL
  - LEED Green Building Design at University of Florida
- Teaching Assistant**  
University of Florida, Department of Mechanical Engineering, Gainesville, FL
- Heating and Air Conditioning Systems, Elements of Thermodynamics, Fluid Mechanics, Intermediate Engineering Analysis, Statics.
  - Period: each semester from August 2005 - Present
  - Number of students per class: 80 ~ 200
  - Task: teaching & grading
- SKILLS** **Computers:** Auto CAD, Word, Excel, PowerPoint
- LEADERSHIP** Vice President of Chinese Student and Scholar Association at UF  
June 2007 –June 2008
- Funding raise, Chinese New Year (1500 people+), Szechuan Earthquake Donation, Beijing 2008 Olympic Night, etc.
- Awards & ACTIVITIES**
- Four-year Full Assistantship in Mechanical Engineering August 2005 - Present  
ASHRAE student member September 2006 – Present  
UF Chinese Student and Scholar Association August 2005 - Present