

## EDUCATION

**9/2009—present University of Cincinnati(UC), Cincinnati, Ohio, USA**

- MS in Mechanical Engineering
- Research Area: Intelligent Maintenance, System Diagnostics and Prognostics

**9/2005—9/2009 Shanghai Jiaotong University (SJTU), Shanghai, China**

- BS in Mechanical Engineering
- Research Area: Robotic Design and Control
- Computer skills: SolidWorks, UG, MFC, ANSYS, MATLAB

## RESEARCH and WORK EXPERIENCE

**4/2007—10/2007 the 10<sup>th</sup> National Challenge Cup Competition Project**

- Bronze medal
- Organizer: Ministry of Education of the People's Republic of China
- Subject: Biomechatronic Prosthetic Hand

**7/2008—8/2008 Summer internship at Prestolite Electric (Beijing) Ltd.**

- Machining, varnishing, welding and assembling process of alternators and starter motors
- Per Advanced Product Quality Planning (APQP) procedure, reviewing and assessing a new starter project with design team
- Supporting to make Process Potential Failure Mode and Effects Analysis (PFMEA) to improve varnishing process

**12/2008—6/2009 Snake-like Robot for Pipe Inspection**

- SolidWorks modeling
- Design of Control module and strategy

**5/2009—5/2009 TA for Dominant Design in SJTU, Shanghai, China**

**9/2009—present TA for Concurrent Product and Process Design in UC, Cincinnati, Ohio, USA**

## EXTRACURRICULAR ROLES

**5/2007—5/2008 President of SJTU Sports Union**

- Leading the SJTU sports teams and organizing all the large-scale sports events

**5/2008—5/2009 Captain of SME Men's Basketball Team**

**5/2007—5/2009 Coach of SME Women's Basketball Team**

- Both teams were ranked second in SJTU in 2008

## HONORS AND AWARDS

Excellent League Leader of SJTU (**top 5%**), Bronze medal in the 10th National Challenge Cup Competition, 3rd Level of National Basketball Referee, Caterpillar Elite Leader Scholarship (**top 5%**), Excellent Student Cadre of SJTU (**top 5%**), Excellent Academic Scholarship, class C (**top 30%**)