

**Zhang Mengxi**

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**EDUCATION**

- ▶ Tsinghua University, Beijing, China.  
Bachelor of Science, department of automation.
- ▶ Illinois Technology of Institution Expected, May 2010  
Candidate for Master of Science, electrical & computer engineering  
GPA for the first semester: 3.77

**TECHNICAL SKILLS**

Computer programs: MS Office  
Computer languages: C++, C.net, Matlab, VHDL, Python.

**RESEARCH EXPERIENCE**

- ▶ October 2008 to present  
Medical image research center (MIRC), Illinois Institute of Technology.  
Develop multispectral magnetic-resonance image (MRI) analysis algorithms for localization of clinically significant prostate cancer.  
Develop methods of evaluating source MRI data which are more suited for classification.
- ▶ September 2007 to July 2008  
Lab of sensor and detect, Tsinghua University  
Design detect systems with AS-i profibus technology
- ▶ July 2006 to July 2008  
Electrical and Electronic Lab Center, Tsinghua University  
Programming on FPGA, which controls different kinds of sensors and two motors, with VHDL.  
The system is used to guide a toy car to do some complex work, for example, go through a labyrinth.  
Familiar with PCB board design.

**ACTIVITIES**

- ▶ November 2008 to present  
Volunteer of International student organization, Illinois Institute of Technology
- ▶ September 2005 to January 2008  
Student art troupe Beijing Opera team, Tsinghua University  
Vice president: in charge of some performances every one or two semester and increases regular members from around 10 to 30.

**INTERNSHIP EXPERIENCE**

- ▶ July 2007 to September 2007  
China avic I Beijing keeven aviation instrument co., LTD.  
Test aviation parameters by using GUI programmed by myself. The GUI is based on VC++.