

Qifang Bao

(Liza)

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EDUCATION

M.S. in Mechanical Engineering, 2012-2014 (expected)
B.S. in Micro-Electron-Mechanical System Engineering, 2008 – 2012
Department of Precision Instruments and Mechanology, Tsinghua University (THU)

RANKING&GPA

(Undergraduate)

Ranking: **1/127**
Overall GPA: 93.3/100; Major GPA: 93.3/100.

HONORS AND AWARDS

2012	Outstanding Graduates of Tsinghua University
2011	Excellent Student Scholarship , THU
2011	Second Prize, <i>Sony ExploraScience</i> New Product Ideas Collecting Competition
2010	National Scholarship
2010	Excellent Member of the THU Art Group
2009	Excellent Student scholarship , THU
2009	Second Prize, 26th National Undergraduate Competition of Physics
2009	Third Prize, THU Challenge Cup Research Competition

RESEARCH EXPERIENCE

Jan. 2012 - Jun. 2012	Platform Construction for SPR Cell-observation Diploma Project, Advisor: Prof. Xinglong Yu
Sept. 2010 -Jul. 2011	Research of 2D MEMS Scanning Mirror Student Research Training Program, Advisor: Ph.D. Chi Zhang With the <i>Micro Satellite Lab</i> , THU

PUBLICATIONS

Conf. Poster	Q. Bao , C. Zhang, Z. Yang, M. Wei. "Performance Measurement and Analysis of a 2D MEMS Scanning Mirror" the 5th THU-SNU-UT Joint Symposium of Nano Mechanics and Electronics, Beijing, China, Jun. 2011
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PROFESSIONAL EXPERIENCE

Jan. 2012	Internship , Mechatronic designer of Ericsson Company
Aug. 2011	Visiting study , Luoyang Photoelectric Technology Co., LTD <ul style="list-style-type: none">Studied and researched an infrared detector & radar detector.
Aug. - Sept.2010	Smithcraft Practice , College Industrial Training Center <ul style="list-style-type: none">Practiced all kinds of manufacturing techniques such as lathe operation, foundry, benchwork, and welding.
Aug. 2010	Electronic Circuit Practice <ul style="list-style-type: none">Built a system to charge cards using a digital circuit.
Aug. 2009	Machine Sketching Practice <ul style="list-style-type: none">Investigated an automotive transmission, studied its operating principle, and figured out its detail drawings and assembly drawings.
Dec. 2008 - May. 2009	Challenge Cup Competition <ul style="list-style-type: none">Developed a system which automatically counts the number of people in a classroom with an infrared sensor and LabVIEW based programming.

LANGUAGE AND COMPUTER SKILLS

English Proficiency **TOEFL iBT:** 109 30(reading)+30(listening)+22(speaking)+27(writing)
 GRE (general): 630(Verbal)+800(Quantitative)+4.0(Analytical Writing)

Computer Skills **AutoCAD, Solidworks, Matlab, Protel, Ansys, Labview**

ACTIVITIES

Oct. 2008 – Jun. 2012 **Flute Player**, Tsinghua University Military Band

- Served as the vice president of the Band in junior year
- Organized and participated in four main concerts, including the THU New Year Concert and the THU Centennial Celebration Party.

Sept.2011 – Jan.2012 **Assistant Counselor**, Freshmen Guidance Program

- Helped freshmen to get familiar with campus life by organizing activities such as lab visiting for them.

Oct. 2011 **Volunteer** of *China Open* tennis championship

- Serviced as a VIP catering assistant.

Jul. 2010 **Volunteer teacher** in Tibet

- Being a music teacher at a local special education school for blind children.
- Assisted the school in getting financial aids.

Jul. 2009 **Team Leader** of the department professional practice team

- Organized an investigation tour to visit manufacturing industry in Wuhan, Hubei.
- The team was honored as **Bronze Price Team** of the university summer practice.

Oct. 2008 Finished the Beijing International Marathon.