

Xiaoqing Zhu

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EDUCATION

STAFORD UNIVERSITY

Ph.D. Electrical Engineering, expected: August 2007

- **Thesis:** *Cross-Layer Design for Video Streaming over Wireless Ad Hoc Networks*
- **GPA:** ~ 4.1 (Ranking 7th out of ~200 in the EE PhD Qualifying Exam.)

M.S. Electrical Engineering, May 2003

- **Course Area:** Communications, Image Systems, Signal Processing, etc.
- **GPA:** ~ 4.1

TSINGHUA UNIVERSITY

- **B.S. Electrical Engineering**, June 2001.
- **Minor Degree:** BA in English
- **GPA:** ~ 91/100 (graduated with distinction)

WORK EXPERIENCE

Stanford University Research Assistant, 06/2002-Present.

- Light field compression: wavelet-based schemes and distributed algorithms
- Video streaming over wireless ad hoc networks: distributed resource allocation

Sharp Labs of America Intern, 06-09/2006

- Design and implementation of distributed resource allocation algorithms for video streaming over wireless home media network

IBM Almaden Research Center Intern, 06-09/2003.

- Design and implementation of the Intelligent Document Extraction and Analysis (IDEA) system

Baoan Shili Company, ShenZhen, China Project Developer, 2000~2001

- Design and implementation (DSP programming) of an embedded system of base-band modem

AWARDS AND HONORS

- **Stanford Graduate Fellowship**, 2001-2004
- **Undergraduate Thesis Award**,
Dept. of Electronics Engineering, Tsinghua University, China, 06/2001
- **First prize of Scholarship of Academic Excellence**
Tsinghua University, China, 10/2000
- **High Distinction Award** (above 99%) of the International Skills Test,
University of New South Wales, Australia 08/1997

PROFESSIONAL AFFILIATIONS

- IEEE Signal Processing Society
- IEEE Circuits and Systems Society
- IEEE Communications Society

PROFESSIONAL SERVICE

• Reviewer of journals:

IEEE Journal on Selected Areas in Communications
IEEE Transactions on Wireless Communications
IEEE Transactions on Circuits and Systems for Video Technology
IEEE Transactions on Multimedia
IEEE Network Magazine, IEEE Wireless Communications Magazine
Journal of Signal Processing: Image Communications, etc.

• Reviewer of international conferences:

IEEE International Conference on Communications, 2007
The 15th International Packet Video Workshops, 2006
International Symposium on Circuits and Systems (ISCAS), 2005, 2006
IEEE International Workshop on Multimedia Signal Processing (MMSP), 2005, etc.

SKILLS

- **Programming:** Matlab; C/C++;; Java, Assembly language
- **Software:** LaTeX, MS Office, etc.
- **Language:** Chinese, English, French

REFERENCE

Prof. Bernd Girod
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