MI KYUNG HAN

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RESEARCH AREA

Computer networks: wireless networks, network measurements, cognitive radio

EDUCATION

08/2005 – present **The University of Texas at Austin** Texas, USA
The Department of Computer Science
Dissertation supervisor: Professor Lili Qiu
GPA: 3.76/4.0

03/2001 – 06/2005 **KAIST** Daejon, Korea
B.S. in Computer Science
GPA: 3.84/4.30

REASEARCH

08/2005 – present **The University of Texas at Austin**
Graduate Research Assistant
Professor Lili Qiu
- Studied receiver misbehaviors in IEEE 802.11 and developed a detection algorithm
- Studied interference modeling and measurement for IEEE 802.11
- Studied opportunistic routing and network coding for IEEE 802.11
- Studied cooperative sensing and spectrum assignment with cognitive radio

Publications

Mi Kyung Han, Brian Overstreet, Lili Qiu, "Greedy Receivers in IEEE 802.11 Hotspots," in *Proceedings of the 37th Annual IEEE/IFIP International Conference on Dependable System Networks* (DSN 2007, selected as one of the six best papers)

Lili Qiu, Yin Zhang, Feng Wang, Mi Kyung Han, Ratul Mahajan, "A General Model of Wireless Interference," in *Proceedings of ACM MOBICOM, Sept. 2007*

Poster Sessions **Texas Wireless Summit 2006, Austin**
Greedy Receivers in IEEE 802.11 Hotspots

TEACHING EXPERIENCE

Teaching Assistant **The University of Texas at Austin**

Computer Fluency (Professor Roger Priebe) CS302	Fall 2006
Communication Networks (Professor Yin Zhang) CS386M	Spring 2007, Spring 2008
Wireless Networking (Professor Lili Qiu) CS386W	Fall 2007

HONORS

08/2005 **Samsung Scholarship Foundation, Korea**, four year fellowship
09/2006 **Grace Hopper Scholarship**, travel grant
07/2007 **DSN 2007,** travel grant
09/2007 **Mobicom 2007,** travel grant
11/2007 **Departmental Travel Award**

ACTIVITIES

Peer Reviewer
IEEE International Conference on Distributed Computing Systems (ICDCS) 2006
Ad Hoc Networks 2008

TECHNICAL SKILLS

Simulation Tools	NS2, QualNet.
Language	C, C++, Java, SQL, HTML, ASP, Perl, Python.
Systems	Windows 2000, Sun Solaris, Linux, Apple Mac OS X.
Others	Matlab, Click, GNURadio, USRP, MadWifi, LaTex.