ZHUO CHEN

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OBJECTIVE	An internship position in the research lab or IT industry to contribute strong analytical, programming and teamwork skills

EDUCATION

Rutgers University, New Brunswick, New Jersey
Ph.D. candidate in Computer Engineering   GPA:3.9/4.0   May 2011
Shanghai Jiao Tong University, Shanghai, China
Bachelor of Science in Information Engineering   GPA:3.5/4.0   Jun 2006
Master of Science in Electrical Engineering   GPA:3.8/4.0   Jun 2008

WORK EXPERIENCE

Intel Asian Pacific Develop and Research Co., Ltd, China   Feb 2006 - Sep 2006
Intern / Part-Time Engineer, Software and Solution Group
- Developed network environments of a virtual system based on Windows CE.
- Developed automate systems for virtual machine products which saved time for test executors.
- Wrote documents for Test Design Specification. Designed test cases for virtual machine.

PROFESSIONAL EXPERIENCE

Wireless Information Network Laboratory(WINLAB), Rutgers University   Sep, 2008 - Present
Research Assistant, Network Group   Advisor: Dipankar Raychaudhuri
- Working in the network system group as research assistant. Design and developed Routing Protocol for Future Internet Design Project.
- Work with Samsung research to design and develop new High Throughput WLAN standard.

Institute of Wireless Communication, Shanghai Jiao Tong University, China   Sep 2006 - Jun 2008
Research Assistant, Network Systems Group   Advisor: Xinbing Wang
- Developed admission control functions for VoIP for heterogeneous wireless networks.
- Lead NS-2 study group. Prepared code review for source code of NS-2.

PUBLICATIONS

"New Stochastic Admission Control Schemes for Wireless Networks: A User Centric Approach", *Proc. in IEEE Globecom 2007*, Washington DC
"Enhancement of VoIP over IEEE 802.11 WLANs by Adapting Transmitting Interval", *Proc. in IEEE ICC 2008*, Beijing.
"VoIP over IEEE 802.11 WLANs and Effective Admission Control with transmission interval adaptation", *International Journal of Autonomous and Adaptive Communications* 2008 Vol. 1
"Protocol Design for Cooperative Sensing of Primary Users in Cognitive Radio Networks", published in *IEEE International Conference on Network Protocols*

PROJECT

Design of System Board Base on Philip LPC2100 ARM controller   Jan - Mar 2005
Remote Data Collection System（Chief Engineer）   Sep- Dec 2005
A Simple Demo of Frequency Analyzer (Win in The National Undergraduate Electronic Design Contest)   Aug- Sep 2005
Network Light Controller Base on Samsung's ARM Controller 44B0X   Oct - Dec 2005
Video Collection System for Gelatin for Pei Qing Tech CO., LTD   Jan - Mar 2006
Audio Signal Collecting and Transporting System Base on Wireless Sensor Network (Excellent Graduate Design Award)   Feb - Jun 2006

AWARDS

Intel Special Recognition Award 2006
Schneider-electric Scholarship 2007
Shanghai Jiao Tong University Excellent Academic Scholarship 2003, 2004, 2005
First prize in the National Physics Olympic Game for High School Students

SKILLS & HOBBY

- **Familiar with C++, C#, Assemble, Linux, ARM, Protel SE, and Microcontroller**
- Ten years of playing piano gives me a smooth temperament, nine years of swimming training gives me a good figure and healthy, and five years of participating in Mathematical and Physics Olympic Game gives me a precise logical thinking style.
- The experience of work as the Minister of Sports Department makes me more responsible and capable of leading and communicating with others
- Strong ability of self-learning.