

Daniel Lertpratchya

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Education

Georgia Institute of Technology

Ph.D. Student, Electrical & Computer Engineering

Master of Science in Electrical and Computer Engineering, Fall 2009

Current GPA: 3.78/4.00

Chulalongkorn University, Thailand

Bachelor of Engineering in Computer Engineering, March 2007

GPA: 3.56/4.00 (Second Class Honor)

Relevant Courses

Computer Network: Experimental Networking, Wireless Networks, Sensor Networks,
Network Management, CAD for Communication Networks

Computer Security: Computer Network Security, Cryptography and Security
& Coding Theory & Application

Teaching Assistantships

ECE4110 – Internetwork Programming

ECE4112 – Internetwork Security

ECE6607 – Computer Communication Networks

ECE3076 – Computer Communications

ECE3035 – Mechanisms for Computing Systems

Technical Skills

Programming Languages: C++, java, C#, ASP.NET

Sensor Motes: TinyOS on Mica-Z

Network Programs: ns-3, ns-2, Wireshark dissector, various security programs

Operating Systems: Microsoft Windows, Fedora, Red Hat Linux

Cisco Switch and Router Configuration

Technical Interests

Wireless Network, Sensor Network, Computer Network Simulation, Network Security

Projects/Publications

- MAC Layer Reliable Multicast Protocol for 802.11 Networks (ongoing research)
- “Community Network for Information Sharing”, S. Li, C. Ji, D. Lertpratchya, P. Barford, *Submitted February 2012*
- “Exploring the Design Space of Greedy Link Scheduling Algorithms for Wireless Multihop Networks”, D. Lertpratchya, D. Blough, *Technical Report 2011*