Huy A. Nguyen

| CONTACT INFORMATION | Wireless Research System Group
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EDUCATION

University of Science, VNUHCM, Ho Chi Minh City, Vietnam **Sep. 2002 – Sep. 2006**
Bachelor of Science in Computer Science

- Specialized in software engineering

Chonnam National University, Gwangju, South Korea **Mar. 2007 – Mar. 2009**
Master of Engineering in ECE

- Research interests: network management, anomaly and intrusion detection
- Advisor: Prof. Deokjai Choi

University of Houston, Houston, Texas **Aug. 2009 – present**
Doctor of Philosophy in Computer Science

- Expected graduation date: 2013
- Advisor: Dr. Rong Zheng

RESEARCH INTERESTS

Wireless and sensor network, network tomography, approximation algorithm, binary independent component analysis, convex optimization.

PROFESSIONAL EXPERIENCE

ELCA Information Technology, Ho Chi Minh City, Vietnam
Software Engineer **Sep. 2006 – Feb. 2007**

- Software development with Java and Oracle
- Web application development with PHP and MySQL

Chonnam National University, Gwangju, South Korea
Research Assistant at Advanced Network Lab **Mar. 2007 – Feb. 2009**

University of Houston, Houston, Texas
Teaching Assistant at Computer Science Department **Aug. 2009 – Dec. 2009**
Research Assistant at Wireless Research System Group **Jan. 2010 – present**

PROGRAMMING LANGUAGES

Pascal, Fortran, Matlab, C/C++, C#, Java, ASP.NET, PHP, JSP, HTML, CSS, XML, SQL.

SELECTED PUBLICATIONS

Arun Chhetri, Huy Nguyen, Gabriel Scalosub, and Rong Zheng, "On Quality of Monitoring for Multi-channel Wireless Infrastructure Networks", In *Proc. of The 11th Mobihoc*, September 20-24, Chicago, Illinois, USA, 2010.

Huy Nguyen, Rong Zheng, and Zhu Han, "Binary is Good: A Binary Inference Framework for Primary User Separation in Cognitive Radio Networks", In *Proc. of The 5th CrownCom*, June 9-11, Cannes, France, 2010.

Huy Nguyen, Tam Van Nguyen, and Deokjai Choi, "How to Maximize User Satisfaction Degree in Multi-services IP Networks", In *Proc. of The 1st ACIIDS*, April 1-3, Quang Binh, Vietnam, 2009.

Huy Nguyen and Deokjai Choi, "Application of Data Mining to Network Intrusion Detection: Classifier Selection Model", In *Proc. of The 11th APNOMS*, October 22-24, Beijing, China, 2008.

Huy Nguyen, Tam Van Nguyen, Dongil Kim, and Deokjai Choi, "Network Traffic Anomalies Detection and Identification with Flow Monitoring", In *Proc. of The 5th WOCN*, May 5-7, Surabaya, Indonesia, 2008.

HONOURS AND AWARDS

Excellent Student of The University of Natural Sciences, 2002 to 2006

Learning Encouraging Scholarship of The University of Natural Sciences, 2002 to 2006

TMA scholarship for HCMUNS Computer Science Students, 2006

HCMUNS Roll of Honor, 2006

Institute of Information Technology Assessment (IITA) Scholarship, 2007 to 2008

Chonnam National University Global Scholarship, 2009

Chonnam National University BK21 Scholarship, 2009

ACM MobiCom/MobiHoc 2010 Student Travel Grants 2010