NGUYEN ANH HUY
COMPUTER SCIENCE BACKGROUND

==== COMPUTER SKILLS ====
Please refer to my CV

==== OTHER SIGNIFICANT SKILLS ====
Please refer to my CV

==== COMMERCIAL SOFTWARE PROJECTS INVOLVED ====

1. Viettech CMS

- Description: Powerful and easy-to-use Content Management Solution for your corporate website, Online Magazine, or Intranet.
- Website: http://viettechltd.com/index.php?cmd=act:Products
- Development Tools and Language: PHP / MySQL / Apache server
- My Role in the Project: System module development, Product QA

2. Viettech Online Clinic

- Description: Online Clinic is a web solution that enables doctors, dentists, and other professional service providers to easily create a dynamic and robust website.
- Website: http://viettechltd.com/index.php?cmd=act:Products
- Development Tools and Language: PHP / MySQL / Apache server
- My Role in the Project: System module development, Product QA

3. ELCA e-Diss.ch

- Description: Collecting and archiving online theses at the Swiss National Library. e-Diss.ch is a part of e-Helvetica project.
- Website: http://epc.ub.uu.se/etd2007/files/papers/paper-47.pdf
- Development Tools and Language: Java / Oracle / Tomcat server
- My Role in the Project: ELCA Vietnam development team member. Client module functionality and GUI development.

4. ELCA Secutix

- Description: Secutix makes it possible to order commercial tickets on the Internet and print them at home.
- Website: http://www.secutix.ch/
- Development Tools and Language: PHP / Oracle / Apache server
- My Role in the Project: ELCA Vietnam development team member. TicketShop front-end and management modules development.

==== RESEARCH PROJECTS INVOLVED ====

1. Network Anomaly Detection with IPFIX support

- Research Goal: Coming up with a new algorithm for network flow anomaly detection.
- Cooperating Organizations: Chonnam National University and Korea Telecom Inc.
- Publications:
  - Huy Anh Nguyen, Tam Van Nguyen, Dongil Kim, and Deokjai Choi, "**Network Traffic Anomalies Detection and Identification with Flow Monitoring**", Proc. of WOCN 2008, May 5-7, Java, Indonesia
  - Huy Anh Nguyen and Deokjai Choi, "**Network Anomaly Detection: Flow-Based or Packet-Based Approach?**", Chonnam National University Networking Journal, June 2008, Gwangju, Korea

2. Research on the Optimal Network Bandwidth Allocation Method for Each Service Class

- Research Goal: Coming up with a new algorithm to balance the network load between different network classes and maximize end-user happiness.
- Cooperating Organizations: Chonnam National University and KREN (Korea Education Network) of MEST (Ministry of Education, Science and Technology)
- Publications:
  - Huy Anh Nguyen and Deokjai Choi, "**BASMIN: A Way to Maximize Network User Happiness**", Thesis for the Degree of Master of Engineering, December 2008, Chonnam National University, Korea
  - Huy Anh Nguyen, Tam Van Nguyen and Deokjai Choi, "**How to Maximize User Satisfaction Degree in Multi-service IP Networks**", Proc. of ACIIDS 2009, April 1-3, Dong Hoi City, Vietnam

3. Korean Overlay Peer-To-Peer Sensor Network

- Research Goal: Building a top-level information gathering system based on the lower level peer-to-peer sensor networks and making the gathered information worldwide available through Internet.
- Cooperating Organizations: Chonnam National University, Cheju National University and Kyungnam University

==== PUBLISHED ARTICLES ====

Please refer to my CV