

KITTIPAT APICHARTTRISORN

7/639 Vibhavadee-Rangsit Rd.
Chatuchak, Bangkok, 10900
(66)-081-343-3188

OBJECTIVE A Ph.D. student position with research interest in computer networks, wireless sensor networks, network resource allocation, machine learning

EDUCATION Chulalongkorn University, Bangkok, Thailand
Master of Science in Computer Science, 2010
G.P.A. 3.75/4.0
Thesis: Distributed Time Synchronization in Wireless Sensor Networks
Advisor: Asst. Prof. Dr. Chalermek Intanagonwiwat

Graduate Subjects

Database Management Systems
Information Systems Architecture
Theory of Computation
Computer Algorithms
Advanced Topics in Computer Networks (Multimedia, Ad Hoc, and Wireless Networks)
Artificial Intelligence
Distributed Systems
Embedded and Real-Time Systems
Computer Systems Security
Special Topics in Distributed Systems (Service Computing)

Kasetsart University, Bangkok, Thailand
Bachelor of Engineering in Electrical Engineering, 2004
G.P.A. 2.49/4.0 Major: Communications Engineering

Major Subjects

Wireless Communications
Satellite Communications
Data Communications and Networks
Communication Systems
Antenna Engineering
Digital Signal Processing

PUBLICATIONS

- Apicharttrisorn, K.; Choochaisri, S.; Intanagonwiwat, C.,
"Energy-Efficient Gradient Time Synchronization for Wireless Sensor Networks,"
Computational Intelligence, Communication Systems and Networks (CICSyN),
2010 Second International Conference on, July 2010
- Supasate Choochaisri, Kittipat Apicharttrisorn, Kittiporn Korprasertthaworn,
Pongpakdi Taechalertpaisarn, and Chalermek Intanagonwiwat.
"Desynchronization with an artificial force field for wireless networks"
SIGCOMM Computer Communication Review 42, 2 , March 2012
- D. Apicharttrisorn, K. Apicharttrisorn, T. Kasetkasem,
"A Moving Object Tracking Algorithm Using Support Vector Machines in Binary
Sensor Networks"
The 13th International Symposium on Communications and Information Tech-
nologies, September 2013 *To publish*

SKILLS

Programming Languages

- C, C++, NesC, TinyOS, Matlab

Computer Software

- Ubuntu, UNIX, Gnuplot, Latex.

**Language
Proficiency**

- English: TOEFL 104 iBT (Test Date: 25 Aug 2013)
Reading: 28, Listening: 26, Speaking: 22, Writing: 28
- Thai: Native

**PROFESSIONAL
EMPLOYMENT**

Senior Systems Engineer
Aeronautical Data Systems Engineering
Aeronautical Radio of Thailand
Bangkok, Thailand 2007 - Present

- Aeronautical Message Handling Systems
- Air Traffic Flow Management
- Flight Data Management Center
- Aeronautical Meteorology Database

Network Engineer
1tonet Co., Ltd.
Bangkok, Thailand 2005 - 2007

- VOIP Systems
- Telephony Systems Integration

GRANTS

- International Conference Attendance Support Grants for Graduate Students, July 2010
Amount: 1200 USD (Approximately) Granted by Graduate School, Chulalongkorn University
Bangkok, Thailand
- AINTEC (ASIAN INTERNET ENGINEERING CONFERENCE) Conference Attendance Grants, November 2010
Amount: Attendance Fee (Unknown)
Granted by Thailand Research Education Network Association (ThaiREN), Bangkok, Thailand
- AINTEC (ASIAN INTERNET ENGINEERING CONFERENCE) Conference Attendance Grants, November 2008
Amount: Attendance Fee (Unknown)
Granted by Thailand Research Education Network Association (ThaiREN), Bangkok, Thailand

**ACADEMIC
ACTIVITIES**

- External Reviewer: IEEE International Conference on Computer Communications (INFOCOM 2011)
Delegated by Asst. Prof. Dr. Chalermek Intanagonwiwat
- External Reviewer: IEEE International Conference on Computer Communications (INFOCOM 2012)
Delegated by Asst. Prof. Dr. Chalermek Intanagonwiwat

HOBBIES

Golf, Tennis, Racquetball, Running, Politics