Curriculum Vitae

Personal Details

Name	:	Mr Nutthanon Leelathakul
Nationality	:	Thai
Address	:	3/2 Soi Prakaew Mittraphan Rd. Promprab, Bangkok Thailand 10100
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Education

2003 - 2010	Ph.D. (Electrical & Computer Engineering), Carnegie Mellon University, USA. Thesis title: CDN-based Multipath Overlay Routing for Real-Time Traffic Supervisor: Prof. Hyong S Kim, Ph.D.
2001 - 2003	M.Eng. (Electrical Engineering), Cornell University, USA. Master project title: Simulation & computational integration on Mathematical neural model Supervisor: Prof. Toby Berger, Ph.D.
1995 - 1999	B.Eng. (Electrical Engineering), Kasetsart University, Thailand.

Scholarship

Full scholarship (for Master and Doctoral degrees) from Royal Thai Government Thailand

Employments

2010 - Present	Lecturer at the Faculty of Informatics, Burapha University
2013	Invited lecturer at Department of Computer Engineering, Khonkhan University

Research Interests

Computer networks, Content distribution network, Sensor Network, Internet of Things, Data Mining, Machine Learning, Data Analysis

Professional Activities

- Steering Committee for the International Joint Conference on Computer Science and Software Engineering (JCSSE 2012 - 2014)
- Judge Committee for the ACM-ICPC Thailand 2013
- Technical Program Committee for the 2nd ASEAN Undergraduate Conference in Computing (AUC^2 2013)

- Local Organizing Committee for the 4th International Conference on Knowledge and Smart Technology (KST 2013)
- Committee for the National Software Contest (NSC 2010 – present)
- Invited Lecturer for the Computer Olympiad Camp (2010 – present)
- ISACA (Information Systems Audit and Control Association) Advocate
- Mikrotik Trainer (MTCNA, MTCTCE)

Courses Taught

- Computer Networks
- Information and Communication Technology
- Mathematics for Computing II
- Programming Fundamental I
- Programming Fundamental II
- Data Structures and Algorithms
- Computer Networks
- Application Development for Mobile Devices
- Information Technology Infrastructures and Network Technologies
- Internet Services
- Design and Analysis of Algorithms
- Business Intelligence

Academic Administration

- Head of the Information Technology Department, Faculty of Informatics, Burapha University (1 October 2011 – Present)

Publication

Journal

- Arayapoonpong, S. & Leelathakul, N. (2013). (J-Nitan): Mobile Application on Android Tablets for Creating Children's Books. Information Technology Journal, 9(2), 1-6. Retrieved from http://www.it.kmutnb.ac.th/journal/pdf/vol18/ch01.pdf
- Rimcharoen, S., Phiromlap, S., & Leelathakul, N. (2015). Analysis of Frequency-Based Compact Genetic Algorithm (fb-cGA). Maejo International Journal of Science and Technology, 9(1), 121-135.

Conference

- Supawadee Srikamdee, Sunisa Rimcharoen and Nutthanon Leelathakul, "Sugarcane Yield and Quality Forecasting Models: Adaptive ES vs. Deep Learning", International Conference on Intelligent Systems, Metaheuristics & Swarm Intelligence, March 24- 25, 2018.
- Janya Onpans, Nutthanon Leelathakul and Sunisa Rimcharoen, "Time Series based Gastropod Classification", International Conference on Knowledge and Smart Technology (KST), 2018.
- Chanchana Sornsoontorn, Sunisa Rimcharoen, Nutthanon Leelathakul, Asanee Kawtrakul and Paruj Ratanaworabhan, "Using document classification to improve the performance of a plagiarism checker: a case for Thai language documents", International Computer Science and Engineering Conference (ICSEC 2017), Bangkok, Thailand, Nov 15-18, 2017.

- Panphotong, K., Buasuwarn, W., & Leelathakul, N. (2014, November 26-28). A Comparative Analysis of Appliance Classifiers for Wireless Classification System. Paper presented at the 10th Asian Internet Engineering Conference. Chiang Mai, Thailand.
- Rimcharoen, S., Leelathakul, N. & Srikamdee, S. (2014, January 30-31). A Hybrid (μ+λ) Evolutionary Algorithm for Evolving Simple Trading Rules: Case Study on Stock Exchange of Thailand (SET50). Paper presented at the 6th International Conference on Knowledge and Smart Technologies.
- Leelathakul, N. & Chaipah, K. (2013, May 30-31). Quantitative Effects of using Facebook as a Learning Tool on Students' Performance. Paper presented at the 10th International Joint Conference on Computer Science and Software Engineering. doi:10.1109/JCSSE.2013.6567325
- Srikamdee, S., Rimcharoen, S. & Leelathakul, N. (2013, January 31 - February 1). Prediction of the Stock Exchange of Thailand Index using an Evolutionary Algorithm Portfolio. Presented at the 5th International Conference on Knowledge and Smart Technologies. doi:10.1109/KST.2013.6512804
- Buasuwarn, W. & Leelathakul, N. (2013, May 9-10). Appliance Classification to Monitor Power Consumption with WirelessSensor Network for Saving Energy. Paper presented at the 9th National Conference on Computing and Information Technology. Bangkok, Thailand.
- Saikaew, K. R., Krutkam, W., Pattaramanon, R., Leelathakul, N., Chaipha, K. & Chaosakul, A. (2011, November 30 - December 1). Using Facebook as a Supplementary Tool for Teaching and Learning. Paper presented in the International Conference on eLearning Futures. Auckland, New Zealand.
- Saikaew, K. R., Krutkam, W., Leelathakul, N., Chaipah, K., Chaosakul, A. & Pattaramanon, R. (2011, October 27-30). Using Facebook and Google Docs for Teaching and Sharing Information. Presented at the 3rd Asian Conference on Education. Osaka, Japan.
- Jang, H., Leelathakul, N., & Kim, H.S. (2007, November 26-30). Hierarchical Self-Configuration of Large-Scale Ethernet Networks. Paper presented at the IEEE Global Communications Conference. doi:10.1109/GLOCOM.2007.44

Research Funds

- Buying Behavior Analysis and Advertisement Recommendation System, Funded by Thailand Research Fund (Approved and is about to sign the contract)
- Source Code Plagiarism Detection System, Funded by Funded by National Research Council of Thailand (Year 2016)
- Algorithms for Forecasting Sugarcane Production Level, Funded by National Research Council of Thailand (Year 2015-2016)
- Appliance classification via wireless sensor network, Funded by National Research Council of Thailand (Year 2013-2014)
- Evolutionary Algorithm for Modelling Kranok Pattern, Funded by Faculty of Informatics, Burapha University (Year 2014)
- Modeling a Sensor Network for Tracking Motorcycle Taxis Providing Services in Bansaen Campus, Burapha University, Funded by Faculty of Informatics, Burapha University (Year 2011)