

CURRICULUM VITAE

Nguyen Manh Hung

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PERSONAL DATA:

Full name: Nguyen Manh Hung

Date of birth: 22/04/1986

Place of birth: Tuy Hoa – Phu Yen

Nationality: Vietnamese

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EDUCATIONAL BACKGROUND:

Ph.D, Department of Electrical Engineering, National Kaohsiung University of Applied Sciences, Dec. 2015.

M.S, Department of Electrical Engineering, HCMC National University of Technology and Education, Nov 2011.

B.E. with Excellent Degree (Electronic Engineering), Ho Chi Minh City University of Technical Education, March 2009.

PROFESSIONAL EXPERIENCE:

The University of Technical Education, Ho Chi Minh City

Lecturer, 2016 – present

National Kaohsiung University of Applied Sciences, Kaohsiung City, Taiwan

Ph.D. Student, September 2012 – 2015

The University of Technical Education, Ho Chi Minh City

Teaching Assistant & Instructor, May 2010 – 2012.

RESEARCH

Interests

Missing data analysis, machine learning, computer vision, user behavior analysis.

Research and Projects:

Jan 2017 – Present, Research about “Car Recommendation System”

Jan 2016 – Present, “X-ray Image Enhancement for Medical Application”

Jan 2016 – Dec 2017, Research about “CV scanner”

June 2014 – Present, Research about “RSS based Indoor Localization System”

2013–2014, Research about “Semi-supervised car trajectory reconstruction”

2012–2013, Research about “Image based edema recognition”.

2011-2012, Research about “Determine positions of arresters based on reducing risk of failure”.

2010-2011, Research about “An advance lighting generator model”.

2009-2010, Research about “Power system analysis”

2008-2009, Research about “Control and simulate a digital PID- heater- controller”

2008-2009, Research about “Data Acquisition Implementation”

Publications:**International Journal:**

Chingchun Huang and Hung-Nguyen Manh, "RSS-based Indoor Positioning based on Multi-dimensional Kernel Modeling and Weighted Average Tracking", IEEE Sensors Journal, Feb. 2016.

Hung Nguyen Manh, Ching-Chun Huang and Lee Hsiao-Yi, "Landmark-based Device Calibration and Region-based modeling for Rss-based Localization", Wireless Communications and Mobile Computing, 2015.

Domestic Journal:

Hung-Nguyen Manh and Chingchun Huang, "User behavior analysis in Urban area", Journal of technical education science, 2016

Quyên Huy Anh, Nguyen Manh Hung, "An Advance Lighting Generator Model", Journal Of Science And Technology, ISSN: 0866-708x, 2012.

Quyên Huy Anh, Nguyen Manh Hung, "Determine Positions of Arresters Base On Reducing Risk Of Failure ", Journal Of Science And Technology, ISSN: 0866-708x, 2013.

International Conference:

Chingchun Huang, Wei-Chi Chan and Manh Hung-Nguyen, "Unsupervised Radio Map Learning for Indoor Localization", 2017 IEEE International Conference on Consumer Electronics - Taiwan (ICCE-TW).

Ching-Chun Huang, Hung-Nguyen Manh, Yu-Shiun Wang , "An Self-Adaptive Wireless Indoor Localization System for Device Diversity", 2016 IEEE International Conference on Consumer Electronics - Taiwan (ICCE-TW).

Hoang Tran Vu, Hung Nguyen Manh, Wei-Chi Chang, Wei-Yuan Lin, Hung-Sheng Cheng, Yi-Ning Chuang and Ching-Chun Huang, " A Hybrid Method for Visitor Localization and Tracking in a Museum Environment", The 9th IEEE International Conference on Ubi-Media Computing, Aug. 2016.

Hung-Nguyen Manh, Ching-Chun Huang , and Hsiao-Yi Lee, "A Region-Based Approach for RSS Indoor Localization ", IEEE International Conference on Consumer Electronics - Taiwan (IEEE 2015 ICCE-TW). June 6-8.

Hung-Nguyen Manh, Ching-Chun Huang , and Hsiao-Yi Lee,, "Auto-Calibration for Device-Diversity Problem in an Indoor Localization system", IEEE International Conference on Consumer Electronics - Taiwan (IEEE 2015 ICCE-TW). June 6-8.

Ching-Chun Huang, Hung-Nguyen Manh and Chen-Yu Tseng, "X-Ray image contrast enhancement based on tissue attenuation", IEEE International Conference on Acoustics, Speech and Signal Processing, Florence, Italy, May 4-9, 2014.

Atul Kumar, Ching-Chun Huang and Hung-Nguyen Manh, "Distinguishing Normal and Pulmonary Edema Chest X-Ray Using Gabor Filter and SVM", IEEE International Symposium on Bioelectronics and Bioinformatics, Taoyuan, Taiwan, April 11-14, 2014.

Ching-Chun Huang, Yu-Shiun Wang, Ching-Chun Huang, Wei-Li Huang, Hung Nguyen Manh, "Automatic Landmark-based RSS Compensation for Device Diversity in an Indoor Positioning System", Asia Pacific Wireless Communications Symposium, Aug, 2014..

Ching-Chun Huang, Ching-Chun Huang, Wei-Li Huang, Hung Nguyen Manh, "Multi-Dimension Kernel Density Estimation for RSS Based Indoor Localization", Asia Pacific Wireless Communications Symposium, Aug, 2014..

Ching-Chun Huang , Nguyen Manh Hung, and Atul Kumar, "A Hybrid Method for 3D Instrument Reconstruction and Tracking in Laparoscopy Surgery", 3D Instrument Reconstruction and Tracking in Laparoscopy Surgery", International Conference on Control, Automation and Information Sciences, Nov, 2013.

Ching-Chun Huang, Hung-Nguyen Manh , "Vehicle Trajectory Prediction across Non-overlapping Camera Networks ", International Conference on Connected Vechicles & Expo, Dec, 2013.

Domestic Conference:

Ching-Chun Huang , Nguyen Manh Hung, "Track and Reconstruct 3D Instrument in Minimally Invasive Surgery by using Integrated System.", Computer Vision, Graphic and Image Processing, pp, Aug,2013.