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Education

- Ph.D. in Industrial Management, Graduate school of Industrial Management, National Cheng Kung University 1997/6.
- M.S. in Industrial Management Science, Graduate school of Industrial Management, National Cheng Kung University, 1991/6.
- B.S. in Management Science, College of management, National Chiao Tung University, 1989/6.

Area of Specialty

- Operations Management
- Enterprise Resource Planning,
- Big Data Analytics

Academic Experience

- Assistant Professor, Department of Information Management, Southern Taiwan University of Science and Technology, 2002/8 to present.
- Assistant Professor, Department of Information Management, Aletheia University, 1999/8 to 2002/7.
- Fellow, Taiwanese Association for Artificial Intelligence, 2000/5 to present.
- Lecturer, Department of Business Administration, Kaohsiung Polytechnic Institute, Kaohsiung County , Taiwan, (Part-time), 1995/8 to 1996/7.
- Lecturer, Open Junior College of Commerce, National Cheng Kung University, Tainan, Taiwan, (Part-time), 1992/5 to 1997/7.

Publications

Journal Papers:

1. Ho, C. M., S. L. Chen, and K. Y. Tung (2006), “The Determinants of Reemployment among the Workers of Involuntary Job Loss Based on the Human Capital and Labor Market Segmentation Theory: Logit Log-linear Analysis”, *Journal of Management*, Vol. 23, No. 1, pp.61-75. [TSSCI] (in Chinese)
2. Tung, K. Y., I. C., Huang , S. L. Chen, and C. T. Shih (2005), “Mining the Generation Xers’ Job Attitudes by Artificial Neural Network and Decision Tree-

Empirical Evidence in Taiwan”, *Expert Systems With Applications*, 29(4), 783-794. [SCI]

3. Huang, I. C., S. L. Chen, C. T. Shih, and K. Y. Tung (2005), “The Moderating Effect of Gender Discrimination on Organizational Commitment : A Study of Southern Taiwan Female Executives”, *NTU Management Review*, 15(2), 71-98. [TSSCI] (in Chinese)

Conference Papers:

1. Tung, K. Y. and Chen, S.-L. (2016) “Using fuzzy decision tree to acquire knowledge of factors influencing service performance of service employees”, 2016 International Conference on Business and Information, Nagoya, JPN.
2. Chen, S.-L. and Tung, K. Y. (2014) “The signaling effects of supervisors’ psychological capital and subordinates’ psychological capital, job engagement: a multilevel mediating perspective”, 4th Annual Conference on Management and Social Sciences, Singapore.
3. Tung, K. Y. and Cheng, Y.-J. (2013) “Knowledge acquisitions of service employee’s work engagement under the structure of positive psychology by fuzzy decision tree,” 2013 International Symposium on Business and Social Science, Bangkok, TH.
4. Chen, S.-L., K.-I Chang, K.-Y. Tung, and M.-C. Chou (2012) “The influence of collective psychological capital on individual job performance,” *The Academy of Management 2012*, Boston, U.S.A.
5. Tung, K. Y. and P.-F. Hsieh (2012) ”Application of Data Mining to National People’s Financial Management Characteristics-an Example of Academia Sinica’s PSFD,” *The E-Learning and Information Technology Symposium 2012*, Tainan, Taiwan. (in Chinese)
6. Tung, K. Y. and P.-C. Chen (2012) ” A Study of Youth Job Search Behavior by Data Mining,” *The E-Learning and Information Technology Symposium 2012*, Tainan, Taiwan. (in Chinese)
7. Tung, K. Y. and P.-C. Chen (2011) ” A Study of Youth Job Search Behavior by Decision Trees,” *Taiwan Academic Network Symposium 2011*, I-Lan, Taiwan. (in Chinese)
8. Tung, K. Y., Y. F. Chen, C. F. Tsai, and C. N. Chen (2010) “A Study of Student-Oriented Feedback on Teaching with Decision Trees - An Example of a University,” 2010 Conference on Business Management, Taipei, Taiwan. (in Chinese)
9. Tung, K. Y., C. F. Tsai, and C. N. Chen (2010) “A Study of Student-Oriented Feedback on Teaching by Data Mining,” 2010 Conference on Financial Innovation and Business Development, Tainan, Taiwan. (in Chinese)
10. Tung, K. Y. and C. C. Chen (2008) “The Habits of Seeking Doctors in Taiwan by

- Applying Sequence Clustering,” The E-Learning and Information Technology Symposium 2008, Tainan, Taiwan. (in Chinese)
11. Tung, K. Y. and C. C. Chen (2007) “Data Mining in Acquiring the Knowledge of the Habits of Seeking Doctors in Taiwan,” The 12th Conference on Artificial Intelligence and Applications, Yunlin, Taiwan. (in Chinese)
 12. Tung, K. Y. and C. C. Chen (2007) “Association Mining in the habits of seeking doctors in Taiwan,” The 2007 Conference on Chinese Association of Business and Technology, Tainan, Taiwan. (in Chinese)
 13. Tung, K. Y., S. L. Chen, C. M. Ho, and I. C. Huang (2005), “Knowledge Acquisition of the Factors of Re-employment among People with Involuntary Job Loss- Empirical Evidence in Taiwan”, The 14th International Conference on Comparative Management- New Challenge in Asia Pacific Economy, Kaohsiung, Taiwan, pp.ORG & HRM 3-2-1-ORG & HRM 3-2-15. (in Chinese)
 14. Tung, K. Y. and Z. Y. Zhou (2005), “A Study of Pre-Sorting Strategy for COBWEB Algorithms”, Proceeding of the 16th International Conference on Information Management, Taipei, Taiwan. (in Chinese)

Dissertation:

1. Tung, Kuan-Yeh (1997) “*Inductive Learning in Dynamic Scheduling of Flexible Manufacturing System*,” Ph.D. Dissertation, National Cheng Kung University.

Grants

1. Ministry of Education, No: 330990045-GP, “The Creative Contest of Integrating Information Technology into Teaching Creative for Junior,” 2010/5-2011/3. (Collaborative Moderator)
2. Industrial Development Bureau, Ministry of Economic Affairs, No: 09860365, “Installation and Construction of E-Inventory,” 2010/5-2010/10.
3. National Science Council, No: NSC-98-2410-H-218 -003, “Knowledge Acquisitions Of Customer Service Personnel Work Engagement under the Structure of Positive Psychology by Fuzzy Decision Tree,” 2009/8 - 2010/7.

Entrusted Practical Projects

1. Industrial Development Bureau, Ministry of Economic Affairs, No: 331040332, “The integrations toward productivity 4.0 for small and medium enterprise in Taiwan,” 2015/5-2015/10.
2. Industrial Development Bureau, Ministry of Economic Affairs, No: 331040230, “Development of sales information flow for cross-nation,” 2015/4-2015/9.
3. Industrial Development Bureau, Ministry of Economic Affairs, No: 331030289, “The service of vehicle parts manufacturing and ICT innovation,” 2014/5-2014/10

4. Industrial Development Bureau, Ministry of Economic Affairs, No: 331020221, “The enhancement of knowledge applications for the industrial cluster of automobiles,” 2013/6-2013/11
5. Industrial Development Bureau, Ministry of Economic Affairs, No: 331000388, “Data Control and Sales Platform Construction,” 2012/5-2012/10.
6. Metal Industries Research & Development Centre, No: PS099160905, “The Rationalized Control of Enterprise Manufacturing Process,” 2010/7-2010/12.

Honors and Awards

1. Selected, 2012 Telecom Innovation and Application Contest - Application of Creative, 2012.
2. Excellent work, The ERP Practice Cases Competition of National College, 2011.
3. Who’s Who in the World, 2010

Professional Certifications

1. Cloud Technology and Internet Services, Professionals, No. 132160800001720, Computer Skills Foundation, 2016/8.
2. Microsoft Technology Associate: Windows Operating System Fundamentals, No. F425-0579, Microsoft, 2015/10.
3. Microsoft Technology Associate: HTML5 Application Development Fundamentals, No. F425-0580, Microsoft, 2015/10.
4. Big Data Process and Analysis, No. 431150800000150, Computer Skills Foundation, 2015/8.
5. Applications of Mobile Device, No. 132140800012390, Chinese Computer Education Association, 2014/8.
6. Webpage Program Design, No. 232130900000720, Chinese Computer Education Association, 2013/9.
7. Word 2010 (Expert), No: 9241614, Chinese Computer Education Association, 2012/11.
8. Excel 2010 (Expert), No: 9241680, Chinese Computer Education Association, 2012/11.
9. E-Enterprise Planner Certification – Information Security and Law, No: 431121100001420, Computer Skills Foundation, 2012/11.
10. E-Enterprise Planner Certification –Enterprise Resource Planning, No: 431120900000260, Computer Skills Foundation, 2012/9.
11. ERP Application Engineer For Financial Module of Data Systems Workflow ERP GP, Release 2.X, No: CERPS1100196, Chinese Enterprise of Resource Planning Society, 2011/8.
12. ERP Application Engineer For Distribution Module of Data Systems Workflow ERP

- GP, Release 2.X, No: CERPS1100201, Chinese Enterprise of Resource Planning Society, 2011/8.
13. ERP Application Engineer For Manufacturing Module of Data Systems Workflow ERP GP, Release 2.X, No: CERPS1100204, Chinese Enterprise of Resource Planning Society, 2011/8.
 14. BI OLAP Application Engineer of V-Point EIS, Release 4.X, No: BIAE11DS00201, Chinese Enterprise of Resource Planning Society, 2011/6.
 15. Business Intelligence Planner, No: BIP11CE00113, Chinese Enterprise of Resource Planning Society, 2011/2.
 16. SAP BUSINESS ONE Application Maintenance Manager, SAP Taiwan Education Service, 2010/8.
 17. CRM Merchandise Analyst, No: CRM2010000955, Microanalysis & Assisted by M. O. E. Center, 2010/8.
 18. e-Business Analyst, No: EBA2010000170, Microanalysis & Assisted by M. O. E. Center, 2010/8.
 19. E-Enterprise Assistant Planner, No: AP-13375-0120, Computer Skills Foundation, 2010/1.
 20. Fundamental of e-Commerce - Professional , Computer Skills Foundation, 2009/12.
 21. Internet Explorer 6.0 - Professional , Computer Skills Foundation, 2009/12.
 22. E-Enterprise Planner I, No: EPI-11176-0352, Computer Skills Foundation, 2009/5.
 23. ITIL Foundation, No: 00123129-01-XL1V, APM Group, 2009/2.
 24. IC3: Internet and Computing Core Certification, CERTIPORT, 2008/1.
 25. ERP Application Engineer For Distribution Module of Data Systems Workflow ERP, Release 5.X, No: EAE07DS01776, Chinese Enterprise of Resource Planning Society, 2007/8.
 26. ERP Application Engineer For Manufacturing Module of Data Systems Workflow ERP, Release 5.X, No: EAE07DS01787, Chinese Enterprise of Resource Planning Society, 2007/8.

Academic and Professional Service

1. Consulting, Builder Co., 2011/5 to present.
2. Master Committee Member, Graduate Institute of Information Management, National Cheng Kung University, 2016/6.
3. Reviewer, The E-Learning and Information Technology Symposium 2016, 2016/2.
4. Master Committee Member, Graduate Institute of Information Management, National Cheng Kung University, 2016/1.
5. Reviewer, The E-Learning and Information Technology Symposium 2015, 2015/2.
6. Reviewer, The E-Learning and Information Technology Symposium 2014, 2014/2.
7. Reviewer, The E-Learning and Information Technology Symposium 2013, 2013/2.

8. Committee of 4th Additional E-Learning Courses Service Construction, Nanying Communiversity, 2012/10.
9. Committee of 3rd Additional E-Learning Courses Service Construction, Nanying Communiversity, 2012/7.
10. Committee of 2nd Additional E-Learning Courses Service Construction, Nanying Communiversity, 2012/3.
11. Reviewer, The E-Learning and Information Technology Symposium 2012, 2012/3.
12. Committee of 1st Additional E-Learning Courses Service Construction, Nanying Communiversity, 2012/2.
13. Master Committee Member, Graduate Institute of Information Management, National Cheng Kung University, 2011/6.
14. Reviewer, The E-Learning and Information Technology Symposium 2011, 2011/3.
15. Committee of 3rd E-Learning Courses Service Construction, Nanying Communiversity, 2011/2.
16. Committee of 2nd E-Learning Courses Service Construction, Nanying Communiversity, 2011/1.
17. Committee of 1st E-Learning Courses Service Construction, Nanying Communiversity, 2010/12.
18. Master Committee Member, Graduate Institute of Information Management, National Cheng Kung University, 2010/12.
19. Master Committee Member, Graduate Institute of Information Management, National Cheng Kung University, 2010/5.
20. Reviewer, The E-Learning and Information Technology Symposium 2010, 2010/3.
21. Reviewer, The E-Learning and Information Technology Symposium 2009, 2009/4.
22. Reviewer, The E-Learning and Information Technology Symposium 2008, 2008/3.
23. Reviewer, The E-Learning and Information Technology Symposium 2006, 2006/12.
24. Program Chair, The E-Learning and Information Technology Symposium 2006, 2006/12.
25. Committee of Website Reconstruction, Southern Taiwan Science Park, 2005.

Patents

1. Tung, Kuan-Yeh, Guo, J.-M., Li, C.-H. and Chen, G.-Y. (2014) Clockwork type model toy. M477916.
2. Tung, Kuan-Yeh, Guo, J.-M., Zhen, G.-H., Kan, Y.-C. and Shi, X.-Y. (2014) Skin condition sensing system used on carried object. Patent No. M474482.
3. Tung, Kuan-Yeh, Guo, J.-M., Chen, H.-S. and Lin, Y.-C. (2013) Multi-layered cat litter box structure. Patent No. M465772.
4. Tung, Kuan-Yeh and Guo, J.-M. (2013) Electronic device with reality simulation function. Patent No. M452798.

5. Tung, Kuan-Yeh and Guo, J.-M. (2012) Hiking stepper with virtual reality simulation function. Patent No. M452792.