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Education

- PhD, Department of Engineering Science, National Cheng Kung University, 2009/12

Area of Specialty

- E-Learning
- Artificial Intelligence
- Database Management
- Cloud Software Application
- Mobile Software Development

Academic Experience

- Assistant Professor, Department of Information Management, Southern Taiwan University of Science and Technology, 2014/08 – present.
- Visiting Researcher, Athabasca University, Canada, 2008/10 – 2009/01

Publications

Journal Papers:

1. Yu-Lin Jeng, "A Micro-Learning and Problem-based Learning System based on Push Service", International Journal of Technology and Engineering Education, 2015. (Accepted)
2. Yu-Lin Jeng, Tien-Chi Huang, "Design of a self-learning recommendation system with integration of personal cloud storage technology", JOURNAL OF INTERNET TECHNOLOGY, 2015. (SCI) (Accepted)
3. Tien-Chi Huang, Yu-Lin Jeng, Kuo-Lun Hsiao, Bi-Rung Tsai, "SNS collaborative learning design: enhancing critical thinking for human-computer interface design", UNIVERSAL ACCESS IN THE INFORMATION SOCIETY, 2015. (SSCI) (Accepted)
4. Yu-Lin Jeng, "An OpenID Based Authentication Mechanism in a Distributed System Environment", International Journal of Computer and Communication

- Engineering, 1(3), pages 250-252, 2012.
5. Yu-Lin Jeng, Ting-Ting Wu, Yueh-Min Huang, Qing Tan, Stephen J.H. Yang, "The Add-on Impact of Mobile Applications in Learning Strategies: A Review Study", *Educational Technology & Society*, 13(3), pages 3-11, 2010. (SSCI)
 6. Yu-Lin Jeng, Tien-Chi Huang, Yueh-Min Huang, "Web 2.0 based Learning Management System for Supporting SCROM & QTI", *Journal of Internet Technology*, Vol. 09, 2008, pages 307-312 (SCI)
 7. Yueh-Min Huang, Yu-Lin Jeng, Tien-Chi Huang, "An Educational Mobile Blogging System for Supporting Collaborative Learning", *Educational Technology & Society*, vol. 12(2), 2009, pages 163-175 (SSCI)
 8. Yu-Lin Jeng, Kun-Te Wang, Yueh-Min Huang, "Retrieving Video Features for Language Acquisition", *Expert Systems With Applications*, vol. 36(3), Part 1, 2009, Pages 5673-5683 (SCI \ SSCI)
 9. Kun-Te Wang, Yueh-Min Huang, Tzone-I Wang, and Yu-Lin Jeng, "A Blog-based Dynamic Learning Map", *Computer & Education*, vol. 51(1), 2008, pages 262-278, (SSCI)
 10. Yueh-Min Huang, Juei-Nan Chen, Yen-Hung Kuo, and Yu-Lin Jeng, "An Intelligent Human-Expert Forum System based on Fuzzy Information Retrieval Technique", *Expert Systems With Applications*, 34(1), 2008, pp. 446-458 (SCI)
 11. Yueh-Min Huang, Juei-Nan Chen, Tien-Chi Huang, Yu-Lin Jeng, and Yen-Hung Kuo, "Standardized Course Generation Process using Dynamic Fuzzy Petri Nets", *Expert Systems With Applications*, 34(1), 2008, pages 72-86 (SCI \ SSCI)
 12. Kun-Te Wang, Yueh-Min Huang, Yu-Lin Jeng, Tzone-I Wang, "Applying Dynamic Blog-based Learning Map in Web Tutoring Assistances", *Lecture Note in Computer Science 4705*, Part I, pp. 1119–1132, 2007. (SCI)
 13. Yueh-Min Huang, Yen-Hung Kuo, Juei-Nan Chen, Yu-Lin Jeng, "NP-miner: A Real-time Recommendation Algorithm by Using Web Usage Mining", *Knowledge-Based Systems*, Vol. 19, Issue 4, 2006, pp. 272-286 (SCI)
 14. Yu-Lin Jeng, Yueh-Min Huang, Yen-Hung Kuo, Juei-Nan Chen, and William C. Chu, "ANTS: Agent-based navigational training system", *Lecture Notes in Computer Science Volume 3583*, pp320-325 2005. (SCI)

Conference Papers:

1. Yu-Lin Jeng, Yu Shu, Tien-Chi Huang, Yong-Ming Huang, Chia-Chen Chen, "Developing a Mobile Instant Messaging System for Problem-based Learning Activity", 2015 World Engineering Education Forum (WEEF), 2015.
2. Yong-Ming Huang, Yu-Lin Jeng, Tien-Chi Huang, Yu Shu, Mu-Yen Chen, Ting-Ting Wu, "What influences students to use cloud services? From the aspect of motivation", 2015 World Engineering Education Forum (WEEF), 2015.

3. Yen-Hung Kuo, Yu-Lin Jeng, Juei-Nan Chen, "A Hybrid Cloud Storage Architecture for Service Operational High Availability", the 7th IEEE International Workshop on Quality Oriented Reuse of Software (QUORS 2013), 2013
4. Shih-Yeh Chen, Chin-Feng Lai, Yueh-Min Huang, Yu-Lin Jeng, "Intelligent Home-Appliance Recognition over IoT Cloud Network", the 9th International Wireless Communications & Mobile Computing Conference (IWCMC 2013), 2013
5. Yu-Lin Jeng, "An OpenID based Authentication Mechanism in a Distributed System Environment", the 3rd International Conference on Signal and Information Processing, 2012
6. Qing Tan, Kinshuk, Yen-Hung Kuo, Yu-Lin Jeng, Po-Han Wu, Yueh-Min Huang, Tzu-Chien Liu, Maiga Chang, "Location-Based Adaptive Mobile Learning Research Framework and Topics", the 12th IEEE International Conference on Computational Science and Engineering (CSE-09), Vancouver, Canada, August 29-31, 2009.
7. Qing Tan, Po-Han Wu, Yu-Lin Jeng, Kinshuk, Yueh-Min Huang, "Mobile computing Architecture for Multi-Platform Adaptation", IADIS Wireless Applications and Computing 2009 (WAC 2009) Conference, Algarve, Portugal, June 17 - 19, 2009.
8. Po-Han Wu, Sheng-Hui Hsu, Yu-Lin Jeng, Yueh-Min Huang, Gwo-Jen Hwang, "Integrating cognitive apprenticeship method in a m-learning technology course for mathematics education", IADIS International Conference Mobile Learning 2009, Barcelona, Spain, February 26 - 28, 2009.
9. Sheng-Hui Hsu, Po-Han Wu, Tien-Chi Huang, Yu-Lin Jeng, Yueh-Min Huang, "From traditional to digital: factors to integrate traditional game-based learning into digital game-based learning environment", The 2nd IEEE International Conference on Digital Game and Intelligent Toy Enhanced Learning (DIGITEL), Banff, Canada, November 17-19, 2008.
10. Yu-Lin Jeng, Kun-Te Wang, Yueh-Min Huang, Ming-Tyi Wu, Wu-Yuin Hwang, "Dynamic Video Retrieval System for English Language Learning", in Proceedings of First IEEE International Conference on Ubi-media Computing and Workshops, pp. 302-307, 2008.
11. Tien-Chi Huang, Yueh-Min Huang, Yu-Lin Jeng, Yi-Ming Huang, "A Zone-based Mobile Learning Architecture in Pervasive Computing Environments", in Proceedings of 6th International Conference on Web-based Learning (ICWL 2007), pp. 433-436, 2007.
12. Yu-Lin Jeng, Yueh-Min Huang, Tien-Chi Huang, Kun-Te Wang, Yi-Ming Huang, "Web Course Recommendation Using Group Decision Making Algorithm", in Proceedings of 6th International Conference on Web-based Learning (ICWL 2007), pp. 429-432, 2007.
13. Yueh-Min Huang, Yu-Lin Jeng, Shu-Chen Cheng, Jim-Min Lin, "Integrating UDDI

- searching mechanism into SCORM XML Metadata", in Proceedings of 5th International Conference on Web-based Learning (ICWL 2006), 2006.
14. Yueh-Min Huang, Yen-Hung Kuo, Jim-Min Lin, Yu-Lin Jeng, Juei-Nan Chen, "Fuzzy Information Retrieval Techniques for Help-Seeking System," in Proceedings of 9th Joint International Conference on Information Sciences, 2006.
 15. Yen-Hung Kuo, Juei-Nan Chen, Yu-Lin Jeng, and Yueh-Min Huang, "Real-time Learning Behavior Mining for e-Learning," in Proceedings of The 2005 IEEE/WIC/ACM International Conference on Web Intelligence, 2005.
 16. Yen-Hung Kuo, Yueh-Min Huang, Juei-Nan Chen, Yu-Lin Jeng, "Extended Real-time Learning Behavior Mining," in Proceeding of International Conference on Advanced Learning Technologies (ICALT 2005), 2005

Dissertation:

- Yu-Lin Jeng, "Location-based Dynamic Grouping Algorithm for Supporting Mobile Virtual Campus in Collaborative Learning Environment," National Cheng Kung University, 2010.

Grants

1. Ministry of Science and Technology, "Research on Big Data of Top and Prospect Research", No: MOST 105-2634-F-218-001, 2016/09/01 - 2017/08/31
2. Ministry of Science and Technology, "An Instant Response Programming Learning Environment based on Instructional Scaffolding and Critical Thinking Methodology - The Research in APP Development Courses of Technological and Vocational Education", No: MOST 105-2511-S-218 -003 -MY2, 2016/08/01 - 2017/07/31
3. Ministry of Education, "Enhancing the Campus Mobile Application Service R&D and Content Design Talent Cultivation Program - Cross-Field Mobile APP Teaching Materials Development and Design Courses", No: 331050111-GP, 2016/05/18 - 2017/08/31
4. Ministry of Science and Technology, "Knowledge Pushing System based on Micro-Learning Strategy and Problem-based Learning Pedagogy – The Research in Programming Courses of Technological and Vocational Education", No: MOST 104-2511-S-218-006 -, 2015/08/01 - 2016/10/31
5. Ministry of Science and Technology, "Context-Awareness based Instant Messaging System for Supporting Digital Learning Course", No: MOST 104-2511-S-218-001 -, 2015/1/1 - 2015/10/31

Entrusted Practical Projects

1. Yu-Lin Jeng, Cloud-based Hunting File Management APP, 2015/4/1 – 2015/6/30, 331040210.

Honors and Awards

- Best Paper Award of The 5th Conference on Engineering and Technology Education, 2016/5
- Patent Analysis and Portfolio Competition Silver Medal of Institute for Information Industry, 2014
- Technical Achievement Bronze Award of Institute for Information Industry, 2012

Professional Certifications

1. Microsoft Technology Associate: HTML5 Application Development Fundamentals
2. Microsoft Technology Associate: Windows Operating System Fundamentals
3. Business Application Professionals Certification Programs - Essentials Level in Documents 2010
4. Business Application Professionals Certification Programs - Essentials Level in Presentations 2010
5. Sun Certified Programmer for Java (SCJP)

Academic and Professional Service

1. Section Manager, Cloud System Software Institute, Industry Information Institute, 2012/1 – 2014/7
2. Engineer, Cloud System Software Institute, Industry Information Institute, 2011/2 – 2011/12