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Education:

Ph.D. in Computer Science, State University of New York @ Stony Brook, USA, 1992
Master in Computer Science, State University of New York @ Stony Brook, USA, 1988
Bachelor in Electrical Engineering, National Taiwan University, Taiwan, 1983

Employment History:

Dept of Information Management, Tamkang University: Assistant/Associate Professor, ex-Chair
OpenPath Software (aka, Trilogy Technologies), Taipei, Taiwan: R&D Manager
Institute for Information Industry, Taipei, Taiwan: Consulting Engineer
AT&T Bell Labs, New Jersey, USA: Member of Technical Staff

Research Interest:

Data Mining, Deep Web, Distributed Systems, Advanced Database Management

Teaching:

Data Mining, Business Intelligence, Object Oriented Programming, Data Structures, Operating Systems

Selected Publications:

1. Heh-Tyan Liaw, **Chichang Jou**, Ay-Hwa Andy Liou, Narayan C. Debnath, "The Design and Implementation of Multi-Maze", *Journal of Computational Methods in Sciences and Engineering*, Vol. 17(S1), pp. S135-S145. (EI, 2017).
2. **Chichang Jou**, Yucheng Cheng, "Heuristics-Based Schema Extraction for Deep Web Query Interfaces", *The 18th IEEE International Conference on Information Reuse and Integration (IRI 2017)*, San Diego, USA, 5 Aug, 2017. (EI)
3. Huan-Jyh Shyur, **Chichang Jou**, Chi-Bin Cheng, Chih-Yu Yen, "Discovering Time-Interval Sequential Patterns by a Pattern Growth Approach with Confidence Constraints," *International Journal of Information and Management Sciences*, Vol. 27(2), p129-145, 2016. (EI)

4. **Chichang Jou**, "Integrated Deep Web Query Interface Construction Based on Incremental Schema Matching and Merging", the 7th ASE International Conference on Data Science (Data Science 2016), Kean University, USA, Aug 15, 2016. (ACM Digital Library)
5. **Chichang Jou**, "Semantics-Assisted Deep Web Query Interface Classification", the 8th International C* Conference on Computer Science & Software Engineering (C3S2E 2015), p. 70-78, Yokohama, Japan, 13, July, 2015. (ACM Digital Library)
6. **Chichang Jou**, Huan-Jyh Shyur, Chih-Yu Yen, 'Timed Sequential Pattern Mining Based on Confidence in Accumulated Intervals', The 15th IEEE International Conference on Information Reuse and Integration (IRI 2014), San Francisco, USA, 15 Aug, 2014. (EI)
7. Huan-Jyh Shyur, **Chichang Jou**, Keng Chang, "A data mining approach to discovering reliable sequential patterns", Journal of Systems and Software, 86(8), 2196-2203, 2013.(SCI)
8. **Chichang Jou**, "Spam E-mail Classification Based on the IFWB Algorithm", Lecture Notes in Artificial Intelligence 7802, p. 314-324, March, 2013. (EI)
9. **Chichang Jou**, Chen-Cheng Wu, "Pincer-Style Maximal Sequential Pattern Mining", ECDM 2013, Prague, Czech, 22-24 July, 2013, p. 79-83.
10. Cheng-Jye Luh, Chih-Jie Yang, Chichang Jou, "Comparison of Feature Selection Metrics for Classifying Pornographic Web Pages", European Conference on Data Mining Information (ECDM 2012), Lisbon, Portugal, July 2012, p 107 --114.
11. **Chichang Jou**, "A Semantics-Based Mobile Web-Content Transcoding Framework," Chapter 17 of Recent Advances in Wireless Communications and Networks, p 361-378, InTech, ISBN: 978-953-307-274-6, July, 2011.
12. **Chichang Jou**, "The Decision Model of Task Allocation for Constrained Stochastic Distributed Systems," Journal of Computers and Industrial Engineering, Vol. 58(3), p 344-351, April 2010. (SCI, EI)
13. **Chichang Jou**, Cheng-Ze Ho, "The Design and Implementation of a Semantics-Based Web Content Adaptation Framework for Mobile Devices", the 3rd International Conference on Web Information Systems and Technologies, Barcelona, Spain, March, 2007.
14. **Chichang Jou**, "Mining Complete Hybrid Sequential Patterns", DMIN 2006, p. 218-223, Las Vegas, USA, June 26-29, 2006.
15. **Chichang Jou**, Wei-Jiun Wang, "The Design and Implementation of a Context-aware Group Communication System", Pervasive Systems & Computing (PSC'06), p. 121-127, Las Vegas, USA, June 26-29, 2006.