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CURRICULUM VITAE

WORKING EXPERIENCE

- Jul. 2007 – Current, Hangzhou Dianzi University, Professor, Director of Institute of Cloud and Big Data, Vice Director of Institute of Intelligent and Software Technology, Hangzhou, China
- Jan. 2003 – Jun. 2007, Zhejiang Topthinking Information Technology Corp., CTO, Hangzhou, China
- Jul. 1993 – Dec. 2002, Zhejiang Institute of Computing Technology, Engineer, Senior Engineer, Hangzhou, China

MEMBERSHIP OF PROFESSIONAL ORGANIZATIONS

- Member of ACM
- Member of IEEE
- Senior Member of CCF (China Computer Federation)
- Member of Technical Committee of Software Engineering CCF (TCSE CCF)
- Member of Technical Committee of Service Computing CCF (TCSC CCF)

RECENT RESEARCH AREAS

- Software Engineering: Program Comprehension, Software Architecture for Enterprise Information System, Business Process Management, Software as a Service, Software Product Line Engineering
- Intelligent Data Processing: Massive Data Mining, Business Intelligence

RECENT PUBLISHED PAPERS

2015

- **Dongjin Yu**, Yanyan Zhang, Zhenli Chen: A Comprehensive Approach to the Recovery of Design Pattern Instances Based on Sub-patterns and Method Signatures. *The Journal of Systems and Software*. 103, 2015, pp.1-16.

2014

- **Dongjin Yu**, Yuyu Yin, Mengmeng Wu, Yu Liu: QoS prediction for Web Services Based on Hybrid Collaborative Filtering, *Journal of Zhejiang University (Engineering Science)*, 48(11), 2014, pp. 2039-2045 and 060.
- **Dongjin Yu**, Xiang Su and Yunlei Mu: Towards the Identification of Cross-cutting Concerns: a Comprehensive Dynamic Approach Based on Execution Relations, *IEICE Transactions on Information and Systems*, Vol.E97-D, No.5, 2014, pp. 1235-1243.
- **Dongjin Yu**, Wei Wu, Yuyu Yin, Daqiang Yan and Zhiqing Liu: Verification of Rule-Based Service Routing via Model Checking, *Journal of University of Electronic Science and Technology of China*, 43(1), 2014, pp. 107-112.

- **Dongjin Yu**, Chang Li and Yuyu Yin: Optimizing Web Service Composition for Data-intensive Application. *International Journal of Database Theory and Application*, 7(2), pp. 1-12, 2014.
- **Dongjin Yu**, Yu Liu, Yueshen Xu and Yuyu Yin: Personalized QoS Prediction for Web Services using Latent Factor Models. 11th IEEE International Conference on Services Computing, IEEE SCC Research Track, Anchorage, Alaska, pp. 107-104, 2014.

2013

- **Dongjin Yu**, Yanyan Zhang, Jianlin Ge and Wei Wu: From Sub-patterns to Patterns: an Approach to the Detection of Structural Design Pattern Instances by Subgraph Mining and Merging. 37th Annual Computer Software and Applications Conference, COMPSAC, Kyoto, Japan, 2013, pp. 579-588.
- Yuyu Yin, **Dongjin Yu** and Ying Li: Towards QoS Prediction for Web Services based on Adjusted Euclidean Distances. *Appl. Math. Inf. Sci.*, 7(2), 2013, pp. 463-471.
- Yuyu Yin, Honghao Gao and **Dongjin Yu**: Model-based data-intensive service abstraction refinement. *Journal of Internet Technology*, 14(5), 2013, pp. 807-816.
- **Dongjin Yu**, Zhiqing Liu and Jianlin Ge: Mining Instances of Structural Design Patterns from Class Diagrams Based on Sub-patterns. 13th International Conference on Software Reuse, ICSR, Pisa, Italy, 2013, pp. 255-266.

2012

- **Dongjin Yu**, Qian Lv and Haiyang Hu: Reliability of Service Composition in Dynamic Network Environment Based on Probability. *Computer Integrated Manufacturing System*, 18(12), 2012, pp. 2783-2791.
- **Dongjin Yu**, Peng Geng and Wei Wu: Constructing Traceability between Features and Requirements for Software Product Line Engineering. 19th Asia-Pacific Software Engineering Conference Workshop, APSEC, Hongkong, 2012, pp. 27-34.
- **Dongjin Yu** and Daqiang Yan: Crosscutting Concerns Identifying Based on Execution Patterns and Fan-in Analysis. *Journal of Huazhong University of Science and Technology*, 40(1), 2012, pp. 45-48.
- **Dongjin Yu**, Wei Wu, Suhang Zheng and Zhixiang Zhu: BIDE-based Parallel Mining of Frequent Closed Sequences with MapReduce. *Lecture Notes in Computer Science* 7440, 12th International Conference of Algorithms and Architectures for Parallel Processing, ICA3PP, Fukuoka, Japan, 2012, pp. 177-186.

2011

- **Dongjin Yu**, Pei Zhang and Jianwei Shao: Framework of Rich Internet Applications Based on SmartGWT. 10th IEEE/ACIS International Conference on Computer and Information Science, ICIS, Sanya, China, 2011, pp. 279-283.
- **Dongjin Yu** and Suhang Zheng: Towards Adaptive Decision Support Systems: A Service-oriented Approach. *Advances in Information Science and Service Science*, 3(7), 2011, pp. 26-34.
- **Dongjin Yu**: Towards the Rapid Application Development Based on Predefined Frameworks. *Journal of Software*, 6(9), 2011, pp. 1795-1804.

2010

- **Dongjin Yu**: Message-based Approach to Master Data Synchronization among Autonomous Information Systems. International Journal of Enterprise Information Systems, 2010, 6(3), pp. 33-47.

BOOKS AUTHORED

- **Dongjin Yu** and Zujie Ren. The Basics of Developing Java EE Applications. Electronic Industry Press, 2012. ISBN: 9787121169748
- **Dongjin Yu**, Zuoyan Huang and Youwei Yuan. The Development Report of Cloud Computing Industry in Hangzhou. Zhejiang University Press, 2013. ISBN: 9787308121248
- **Dongjin Yu**, Lan Shen, Hailun Mu and Jing Shen. The Development Report of Internet Industry of the Capital of E-Commerce in China. Zhejiang University Press, 2010. ISBN: 9787308082594

RECENT FUNDED RESEARCH PROJECTS AS PRINCIPAL INVESTIGATOR

- Labor Market Monitoring and Prediction Platform, China Ministry of Science and Technology, 2007-2011, No. 08C2621330067
- Methods of Analysis, Modeling and Verification of Large-grained Services, Zhejiang Natural Science Foundation, 2012-2013, LY12F02003
- The Study of Development of Cloud Computing Industry in Zhejiang Province, Zhejiang Economic and Information Committee, 2013-2014, No.2013-270
- The Rapid Application Development Framework, Zhejiang Key Science and Technology Project, 2008-2011, No. 2008C11099-1
- The Cloud Service System for Computer Assisted Mass Appraisal of Real Estates, Zhejiang Key Science and Technology Project, 2012-2014, 2012C11026-3
- Huier Enterprise Management System, Huier Hearing Technology and Equipment Corp. (<http://www.huier.org/en/>), 2011-2014

AUTHORIZED PATENTS OF INVENTION

- **Dongjin Yu**, Wanqing Li and Suhang Zheng. An approach to the identification of users with similar behaviors from massive access logs based on multi-core systems, No. ZL201110242122.8
- **Dongjin Yu**, Yuyu Yin and Daqiang Yan. An approach to the identification of crosscutting concerns based on execution patterns and fan-in analysis, No. ZL201110242121.3
- **Dongjin Yu**, Haiyang Hu and Qian Lv. An approach to the reliable composition of Web services in dynamic network environment, No. ZL201110405582.8
- **Dongjin Yu**, Yuyu Yin, Daqiang Yan and Zhiqing Liu. An approach to the verification of rule-based service routing via NuSMV, No. ZL 201210134962.7

AWARDS

- The Second Prize, Science and Technology Award of Zhejiang Province, 2013