

# Dong Qiu

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## Education

B.E. Computer Science and Technology, Southeast University, 2008.  
Supervisor: Prof. Bixin Li

M.E. Computer Software and Theory, Southeast University, 2010.  
Supervisor: Prof. Bixin Li

Ph.D. Computer Software and Theory, Southeast University, in progress (expected Summer 2014).  
Supervisor: Prof. Bixin Li

Visiting Student. Computer Software and Theory, University of California, Davis, 2012.  
Supervisor: Prof. Zhendong Su

## Research Interests

Testing, Monitoring and Verification on Service-Based Softwares and Systems  
Software Analysis, Testing, Monitoring and Verification  
Database System and Application  
Programming Languages and Software Engineering

## Publications

### *Journal Articles*

Dong Qiu, Bixin Li, Hareton Leung. Regression Testing in Web Service: A Systematic Mapping Study. Submitted to *ACM Computing Surveys (CSUR)*, (under review).

Bixin Li, Dong Qiu, Hareton Leung, Di Wang. Automatic Test Case Selection for Regression Testing of Composite Service Based on Extensible BPEL Flow Graph. *the Journal of Systems and Software*, Elsevier, June 2012, 85(7):1300-1321. [SCI/EI]

Bixin Li, Shuhui Ji, Dong Qiu, Ju Cai. Generating Test Case of Composite Services Based on OWL-S and EH-CPN. *International Journal of Software Engineering and Knowledge Engineering*, Vol 20, No.7, Sept 2010. [SCI/EI]

### *Proceedings*

Dong Qiu, Bixin Li, Zhendong Su. An Empirical Analysis of the Co-evolution of Schema and Code in Database Applications. In the proceeding of the *9th Joint Meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE 2013)*, Saint Petersburg, Russia, August 18-26, 2013.

Bixin Li, Dong Qiu, Shunhui Ji, and Di Wang. Automatic Test Case Selection and Generation for Regression Testing of Composite Service Based on Extensible BPEL Flow Graph. In the proceeding of the *26th IEEE International Conference on Software Maintenance (ICSM 2010)*, Timisoara, Romania, September 12-18, 2010

Bixin Li, Ju Cai, Dong Qiu, Shunhui Ji, Yuting Jiang. Generating Test Case of Composite Services Based on OWL-S and EH-CPN. In the proceeding of the *21th International Conference on Software Engineering and Knowledge Engineering (SEKE 2009)*, Boston, USA, July 1-3, 2009.

Bixin Li, Lili Yang, Shunhui Ji, Dong Qiu, Xufang Gong. WSTester: Testing Web Service for Behavior Conformance. In the proceeding of the *21th International Conference on Software Engineering and Knowledge Engineering (SEKE 2009)*, Boston, USA, July 1-3, 2009.

### *Technique Report*

Dong Qiu, Bixin Li, Zhendong Su. An Empirical Analysis of the Co-Evolution of Schema and Code in Database Applications. *Technical Report CSE-2012-32*, Department of Computer Science, UC Davis, 2012

### *Chinese Patent*

Dong Qiu, Bixin Li, Yin Zhou, Di Wang. A Modeling Method for Composite Services Based on Extensible BPEL Flow Graph. Authorization No. ZL 2010 1 0173787.3.

### *Chinese Software Copyright*

Dong Qiu, Bixin Li, Yin Zhou, Di Wang. Regression Testing Tools for BPEL-based composite service. 2010SR028931, June 13, 2010

Bixin Li, Dong Qiu, Zhiyong Su, Yin Zhou. Web Service Reliability Tools. 2010SR033063, July 8, 2010

## Honors and Awards

The HUAWEI Scholarship, 2011

The Second Prize of National Mathematical Modeling Contest, 2010

The Kingdee Alumni Association Scholarship, 2010

The First Doctor Degree Scholarship of Southeast University, 2010

The First Master Degree Scholarship of Southeast University, 2009

The Third Prize of National Mathematical Modeling Contest, 2009

The Second Master Degree Scholarship of Southeast University, 2008

The JiangSu Government Scholarships, 2007

## Research Experience

### *Projects Participated*

User-Oriented Monitoring, Testing and Verification of Web Service. *National High Technology Development Plan (863 Project)*, 2008AA01Z113, 8/2008-12/2010, Team Leader.

Web Composite Service Verification. *National Natural Science Foundation of China*, 60973149, 1/2010-12/2012, Team Leader.

Testing and Verification of Web Service. *Natural Science Foundation of Jiangsu Province*, BK2007513, 6/2007-12/2009, Team Leader.

### *Visiting*

I visited Prof. Zhendong Su's group in UC Davis from Sep. 2011 to Sep. 2012.

## Language Abilities

Chinese. Native speaker

English. Good in reading and listening, well in written and spoken