

## Manman Chen

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CONTACT INFORMATION	National University of Singapore Computing 1, 13 Computing Drive Singapore 117417	Email: chenman@comp.nus.edu.sg
RESEARCH INTERESTS	Software verification and synthesis, software optimization, Satisfiability Modulo Theories (SMT)	
EDUCATION	Ph.D., Computer Science, National University of Singapore, • Thesis Topic: <i>Formal Analysis of Web Service Composition</i> • Advisor: Jin Song Dong	Expected 2015
	B.S., Software Engineering, Nanjing University	2011
REFEREED CONFERENCE PAPERS	Manman Chen, Tian Huat Tan, Jun Sun, Yang Liu, and Jin Song Dong. VeriWS: A Tool for Verification of Combined Functional and Non-functional Requirements of Web Service Composition. <i>The 36th International Conference on Software Engineering (ICSE)</i> . 564-567, 2014.	
	Tian Huat Tan, Manman Chen, Etienne Andre, Jun Sun, Yang Liu and Jin Song Dong. Automated Runtime Recovery for QoS-based Service Composition. <i>The 23rd International World Wide Web Conference (WWW)</i> . 563-574, 2014.	
	Manman Chen, Tian Huat Tan, Yang Liu and Jun Sun. Verification of Functional and Non-functional Requirements of Web Service Composition <i>The 15th International Conference on Formal Engineering Methods (ICFEM)</i> . 313-328, 2013.	
	Tian Huat Tan, Etienne Andre, Jun Sun, Yang Liu, Jin Song Dong and Manman Chen. Dynamic Synthesis of Local Time Requirement for Service Composition. <i>The 35th International Conference on Software Engineering (ICSE)</i> . 542-551, 2013.	
JOURNAL IN SUBMISSION	Tian Huat Tan, Etienne Andre, Manman Chen, Jun Sun, Yang Liu and Jin Song Dong. Automated Synthesis of Local Time Requirement for Service Composition. <i>Submitted</i> .	
PAPERS IN SUBMISSION/ PROGRESS	Tian Huat Tan, Yinxing Xue, Manman Chen, Jun Sun, Yang Liu and Jin Song Dong. Feedback-directed Evolutionary Algorithm in Software Product Line Engineering. <i>Submitted</i> .	
	Manman Chen, Tian Huat Tan, Jun Sun, Yang Liu, Jing Sun and Jin Song Dong. Runtime Service Adaptation based on Partial Models. <i>Submitted</i> .	

Tian Huat Tan, Manman Chen, Jun Sun, Yang Liu, Etienne Andre and Jin Song Dong. Dynamic Ranking Optimization for QoS-Aware Service Composition. *Submitted.*

AWARDS AND SCHOLARSHIPS	<b>Research scholarship From NUS</b> National University of Singapore	2011-2015
	<b>Excellent Graduate of Nanjing University</b> Nanjing Univeristy	2011
	<b>People's Scholarship of Nanjing University</b> Nanjing Univeristy, top 3% students in the department	2009, 2010, 2011
	<b>Excellent Student of Nanjing University</b> Nanjing Univeristy	2009, 2010, 2011
	<b>Google Excellent Student Scholarship</b> Google Inc	2010
	<b>Excellent Student Innovation Project of CHIPS(China Innovation Program for Students)</b> Joint by Ministry of Eduction and Oracle	2010
PROFESSIONAL EXPERIENCE	<b>Engineering Intern</b> Ebay Inc (Shanghai)	Jul 2010 to Jun 2011
TALKS	Verification of Functional and Non-functional Requirements of Web Service Composition <i>International Conference on Formal Engineering Methods (ICFEM)</i> Queenstown, New Zealand, Nov 2013	
TEACHING EXPERIENCE	<b>Teaching Assistants</b> <i>School of Computing, National University of Singapore</i> CS4211 - Advanced Software Engineering (undergraduate course) CS4211 - Advanced Software Engineering (undergraduate course)	2014 2013
PROFESSIONAL ACTIVITIES	<b>Registration Co-chair:</b> International Symposium on Formal Method (FM 2014) <b>Journal Reviewing:</b> Formal Aspects of Computing (FAC), IEEE Transactions on Services Computing (TSC) <b>Conference and Workshop Reviewing:</b> International Conference on Formal Engineering Methods (ICFEM 2012, 2013), International Conference on Engineering of Complex Computer Systems (ICECCS 2013, 2014), International Conference on	

Software Engineering (ICSE 2014), Asia Pacific Software Engineering Conference (APSEC 2013), Formal Modeling and Verification Of Service-based System (FOR-MOVES 2014)

**Student Volunteer:** International Symposium on Formal Methods (FM 2014), International Conference on Engineering of Complex Computer Systems (ICECCS 2013)

**Student Participant:** Movep winter school on model checking, Marseille, France, 2012