

# Yaohang Li

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**EDUCATION:** Florida State University, Tallahassee, Florida  
Aug., 2003 Ph.D., Computer Science  
Major Advisor: Dr. Michael Mascagni  
Dissertation Title: A Grid Computing Infrastructure for Monte Carlo Applications  
Aug., 2000 Florida State University, Tallahassee, Florida  
M.S., Computer Science  
July, 1997 South China University of Technology, Guangzhou, China  
B.S., Computer Science and Engineering  
Minor, English Literature

**HONORS:** **By National Science Foundation (NSF):**  
2009 CAREER Award  
**By National Center for Supercomputing Applications (NCSA):**  
2007 Summer Faculty Fellowship  
**By North Carolina A&T State University:**  
2005 "Rookie of the Year" Young Researcher Award  
**By Oak Ridge Associated Universities (ORAU):**  
2005 Ralph E. Powe Junior Faculty Enhancement Award  
**By Florida State University:**  
2002 School of Computational Science and Information Technology Fellowship  
2002 Dissertation Research Grant Award, Graduate Study Office  
2001 School of Computational Science and Information Technology Fellowship  
**By IBM:**  
1997 IBM Manager Recognized Award

<b>PROFESSIONAL EXPERIENCE:</b>	<b>Old Dominion University</b>	<b>Norfolk, NC</b>
2010-present	Department of Computer Science Associate Professor	
	<b>North Carolina Agricultural and Technical University</b>	<b>Greensboro, NC</b>
2009-2010	Associate Professor, Department of Computer Science	
2003-2009	Assistant Professor, Department of Computer Science	
Summer, 2008	<b>Oak Ridge National Laboratory</b>	<b>Oak Ridge TN</b>
	Participating University Faculty	
Summer, 2007	<b>National Center for Supercomputing Applications</b>	<b>Urbana-Champagne, IL</b>
	Summer Faculty Fellow, University of Illinois, Urbana-Champagne	
Summer, 2006	<b>Oak Ridge National Laboratory</b>	<b>Oak Ridge, TN</b>
	Participating University Faculty	
Summer, 2003	<b>Oak Ridge National Laboratory</b>	<b>Oak Ridge, TN</b>

1999–2003	Research Associate, Computer Science and Mathematics Division <b>Florida State University</b>	Tallahassee, FL
Spring, 2002	Research Assistant, Department of Computer Science <b>University of Salzburg</b>	Salzburg, Austria
Winter, 2001	Visiting Scholar, Department of Scientific Computing <b>Florida State University</b>	Tallahassee, FL
1998–1999	Research Assistant, Department of Chemical Engineering <b>University of Southern Mississippi</b>	Hattiesburg, MS
1997–1998	Research Assistant, Computer Science <b>IBM China Ltd.</b>	Guangzhou, China
	IT Specialist, Software and Networking	

**RESEARCH INTERESTS:**

Computational Science, Computational Biology  
Monte Carlo Methods, Markov Chain Monte Carlo  
Grid/Distributed/Parallel Computing, High Performance Computing  
Bio-inspired Approaches  
Random Number Generation

**JOURNAL PAPERS**

- [18] **Yaohang Li**, N. D. Arnold, C. E.M. Strauss, A. J. Bordner, Y. Tian, X. Tao, T. C. Schultness, A. Gorin, “*Extensive Exploration of Protein Conformational Space Reveals Promises and Pitfalls of ab initio Folding Calculations,*” submitted to Journal of Bioinformatics and Computational Biology, 2010.
- [17] **Yaohang Li**, I. Rata, E. Jakobsson, “*Multi-Scoring Functions Sampling in Protein Loop Structure Prediction,*” submitted to Applied Mathematics and Computation, 2010.
- [16] **Yaohang Li**, M. Mascagni, “*Optimizing Dynamic Grid-based Resources for Large Scale Monte Carlo Applications,*” submitted to Mathematics and Computers in Simulation, 2010.
- [15] **Yaohang Li**, M. Mirugi, M. Mascagni, “*Test the Rule 30 Cellular Automata Random Number Generator,*” submitted to Mathematics and Computers in Simulation, 2010.
- [14] **Yaohang Li**, I. Rata, S. Chiu, E. Jakobsson, “*Improving Predicted Protein Loop Structure Ranking using a Pareto-Optimality Consensus Method,*” BMC Structural Biology, **10**: 22, 2010.
- [13] I. Rata, **Yaohang Li**, E. Jakobsson, “*Backbone Statistical Potential from Local Sequence-Structure Interactions in Protein Loops,*” Journal of Phys. Chem. B, **114**(5): 1859-1869, 2010.
- [12] **Yaohang Li**, V. A. Protopopescu, N. Arnold, X. Zhang, A. Gorin, “*Hybrid Parallel Tempering/Simulated Annealing Method,*” Applied Mathematics and Computation, **212**: 216-228, 2009.
- [11] **Yaohang Li**, M. Mascagni, A. Gorin “*A Decentralized Parallel Implementation for Parallel Tempering Algorithm,*” Parallel Computing, **35**(5): 269-283, 2009.
- [10] **Yaohang Li**, C. E. M. Strauss, A. Gorin, “*Hybrid Parallel Tempering and Simulated Annealing Method – an Efficient Sampling Method in ab initio Protein Folding,*” International Journal of Computational Science, **2**(5):646-661, 2008.
- [9] **Yaohang Li**, Y. D. Song, “*An Adaptive and Trustworthy Software Testing Framework on the Grid,*” Journal of SuperComputing, **46**:124-138, 2008.
- [8] **Yaohang Li**, D. Chen, X. Yuan, “*Trustworthy Remote Compiling Service for Grid-based Scientific Applications,*” Journal of SuperComputing, **41**(2):119-131, 2007.
- [7] **Yaohang Li**, “*A Bio-inspired Adaptive Job Scheduling Mechanism on the Grid,*” International Journal of Computer Science and Network Security, **6**(3B): 1-7, 2006.

- [6] **Yaohang Li**, M. Mascagni, “*Grid-based Quasi-Monte Carlo Applications*,” Monte Carlo Methods and Applications, **11**: 39-55, 2005.
- [5] **Yaohang Li**, V. A. Protopopescu, A. Gorin, “*Accelerated Simulated Tempering*,” Physics Letters A, **328**(4): 274-283, 2004.
- [4] **Yaohang Li**, M. Mascagni, R. van Engelen, Q. Cai, “*A Grid Workflow-Based Monte Carlo Simulation Environment*,” Journal of Neural Parallel and Scientific Computations, **12**:439-455, 2004.
- [3] **Yaohang Li**, M. Mascagni, “*Analysis of Large-scale Grid-based Monte Carlo Applications*,” International Journal of High Performance Computing Applications (IJHPCA), **17**(4): 369-382, 2003. (Jan. 2006, one of the 50 Most-Frequently-Read Articles in International Journal of High Performance Computing Applications. <http://hpc.sagepub.com/reports/mfr7.dtl>)
- [2] Y. Zhang, **Yaohang Li**, M. H. Peters, “*Nonequilibrium, Multiple-Time Scale Simulations of Ligand-Receptor Interactions in Structured Protein Systems*,” Proteins: Structure, Function, and Genetics, **52**(3): 339-348, 2003.
- [1] M. Mascagni, A. Karaivanova, **Yaohang Li**, “*Quasi-Monte Carlo method for elliptic boundary value problems*” Monte Carlo Methods and Applications, **7**: 283-294, 2001.

**BOOK  
CHAPTERS:**

- [2] **Yaohang Li**, M. Mascagni, “*An Overview of Grid-based Monte Carlo Computing*,” Grid Technologies, Emerging from Distributed Architectures to Virtual Organizations, WIT Press, ISBN: 978-1-84564-055-2, 2006.
- [1] Y. D. Song, **Yaohang Li**, M. Bikdash, T. Dong, “*Cooperative Control of Multiple UAV’s in Close Formation Flight via Nonlinear Adaptive Approach*,” Theory and Algorithms for Cooperative Systems, World Scientific Publishing Company, ISBN: 978-9-81256-020-9, 2004.

**PEER-REVIEWED  
CONFERENCE  
PAPERS:**

- [33] **Yaohang Li**, W. Zhu, “*GPU-Accelerated Multi-scoring Functions Protein Loop Structure Modeling*,” Proceedings of 9<sup>th</sup> IEEE International Workshop on High Performance Computational Biology, (HiCOMB2010), Atlanta, 2010.
- [32] W. Zhu, **Yaohang Li**, “*GPU-Accelerated Differential Evolutionary Markov Chain Monte Carlo Method for Multi-Objective Optimization over Continuous Space*,” accepted in 2<sup>nd</sup> Workshop on Bio-Inspired Algorithms for Distributed Systems, (BADs2010), Washington DC, 2010.
- [31] **Yaohang Li**, I. Rata, E. Jakobsson, “*Integrating Multiple Scoring Functions to Improve Protein Loop Structure Conformation Space Sampling*,” Proceedings of IEEE Symposium on Computational Intelligence in Bioinformatics and Computational Biology, (CIBCB2010), Montreal, 2010.
- [30] I. Waddell, N. Jones, C. Steed, X. Yuan, **Yaohang Li**, “*Using the Workflow Technology in Secure Software Engineering Education*,” accepted in 14<sup>th</sup> Colloquium for Information Systems Security Education, (CISSE2010), Baltimore, 2010.
- [29] **Yaohang Li**, D. Wardell, “*Study of Computing Consolidation Techniques in Computational Protein Loop Structure Modeling*,” Proceedings of 2<sup>nd</sup> International Conference on Bioinformatics and Computational Biology, (BICoB-2010), Honolulu, 2010.
- [28] **Yaohang Li**, D. Wardell, V. Freeh, “*A Resource-Efficient Computing Paradigm for Computational Protein Modeling Applications*,” Proceedings of 8<sup>th</sup> IEEE International Workshop on High Performance Computational Biology, (HiCOMB09), Rome, 2009.
- [27] **Yaohang Li**, “*A Population-based Approach for Diversified Protein Loop Structure Sampling*,” Proceedings of International Conference on Computational Science, (ICCS09), Baton Rouge, 2009.

- [26] X. Zhang, S. Watts, **Yaohang Li**, D. Tortorelli, “*Minkowski Functionals Study of Random Number Sequences*,” Proceedings of International Conference on Computational Science, (ICCS09), Baton Rouge, 2009.
- [25] **Yaohang Li**, A. J. Bordner, Y. Tian, X. Tao, A. Gorin, “*Extensive Exploration of the Conformational Space Improves Rosetta Results for Short Protein Domains*,” Proceedings of 7th Annual International Conference on Computational Systems Bioinformatics, (CSB08), Stanford, 2008.
- [24] **Yaohang Li**, A. Esterline, C. Baber, K. Fuller, M. Burns, T. L. Hanson, T. LeFebvre, M. Schultz, M. Govett, P. Hamer, A. Mysore, “*A Sensor Information Framework for Integrating and Orchestrating Distributed Sensor Services*,” Proceedings of International Conference on Parallel and Distributed Processing Techniques and Applications, (PDPTA08), Las Vegas, 2008.
- [23] A. Frazier, S. Hudson, **Yaohang Li**, X. Yuan, “*Developing Software System Security Modules*,” Proceedings of 12<sup>th</sup> Colloquium for Information Systems Security Education, (CISSE08), Dallas, 2008.
- [22] **Yaohang Li**, M. Mascagni, A. Gorin “*Decentralized Replica Exchange Parallel Tempering: An Efficient Implementation of Parallel Tempering using MPI and SPRNG*,” Proceedings of International Conference on Computational Science and Its Applications (ICCSA07), Kuala Lumpur, 2007.
- [21] **Yaohang Li**, J. Clark, K. Williams, Y. Song, “*Efficient Parallel Implementation of Evolutionary Markov Chain Monte Carlo*,” Proceedings of International Conference on Parallel and Distributed Processing Techniques and Applications, (PDPTA07), Las Vegas, 2007.
- [20] **Yaohang Li**, T. Dong, Y. Song, “*Using Grid Computing for Distributed Software Testing*,” Proceedings of International Conference on Parallel and Distributed Processing Techniques and Applications, (PDPTA06), Las Vegas, 2006.
- [19] **Yaohang Li**, T. Dong, X. Zhang, Y. Song, X. Yuan, “*Large-Scale Software Unit Testing on the Grid*,” Proceedings of IEEE International Conference on Granular Computing, (GrC06), Atlanta, 2006.
- [18] **Yaohang Li**, J. Clark, X. Zhang, “*Parallel Implementation of the Accelerated Simulated Tempering Method*,” Proceedings of 3<sup>rd</sup> International Conference on Neural, Parallel & Scientific Computations, (NPSC06), Atlanta, 2006.
- [17] X. Zhang, **Yaohang Li**, A. Myklebust, “*Hybrid Optimization of Geometrically Truncated NURBS Surfaces*,” Proceedings of ASME International Mechanical Engineering Congress & Exposition, (IMECE05), Orlando, 2005.
- [16] **Yaohang Li**, D. Chen, X. Yuan, Y. Yu, A. Esterline, “*Secure Remote Compiling Service on the Grid*,” Proceedings of International Conference on Parallel and Distributed Processing Techniques and Applications, (PDPTA05), Las Vegas, 2005.
- [15] **Yaohang Li**, M. Mascagni, “*A Bio-inspired Job Scheduling Algorithm for Monte Carlo Applications on a Computational Grid*,” proceedings of 17<sup>th</sup> IMACS World Congress, Scientific Computation, Applied Mathematics, and Simulation, Paris, France, 2005.
- [14] **Yaohang Li**, T. Dong, M. Bikdash, Y. Song, “*Path Planning for Unmanned Vehicles using Ant Colony Optimization on a Dynamic Voronoi Diagram*,” Proceedings of International Conference on Artificial Intelligence, (ICAI05), Las Vegas, 2005.
- [13] X. Yuan, P. Vega, H. Yu, **Yaohang Li**, “*A Personal Software Process Tool for Eclipse Environment*”, Proceedings of International Conference on Software Engineering Research and Practice (SERP05), Las Vegas, 2005.
- [12] **Yaohang Li**, C. E. M. Strauss, A. Gorin, “*Parallel Tempering in Rosetta Practice*,” Proceedings of International Conference on Bioinformatics and its Applications, (ICBA04), Fort Lauderdale, 2004.

- [11] **Yaohang Li**, M. Mascagni, “*E-Science on the Grid: Toward a Dynamic E-Science Automation with XML and Workflow Techniques*,” Proceedings of the 8<sup>th</sup> World Multi-Conference on Systemics, Cybernetics, and Informatics, (SCI04), Orlando, 2004.
- [10] **Yaohang Li**, Y. Song, “*Bio-inspired Fault Tolerant and Adaptive System Modeling and Simulation on the Grid*,” Proceedings of the International Conference on Computing, Communications and Control Technologies, (CCCT04), Austin, 2004.
- [9] **Yaohang Li**, M. Mascagni, “*e-Science Workflow on the Grid*,” Proceedings of the IADIS International Conference, (e-Society04), Avila, Spain, 2004.
- [8] **Yaohang Li**, Q. Cai, Y. Li, “*Toward a Dynamic E-Commerce Automation with XML and Workflow Techniques on the Grid*,” Proceedings of IEEE SoutheastCon, 2004.
- [7] **Yaohang Li**, M. Mascagni, M. H. Peters, “Grid-based Nonequilibrium Multiple-Time Scale Molecular Dynamics/Brownian Dynamics Simulations of Ligand-Receptor Interactions in Structured Protein Systems,” Proceedings of the 1<sup>st</sup> BioGrid Workshop at the 3rd IEEE/ACM Symposium Cluster Computing and the Grid, Tokyo, 2003.
- [6] M. Mascagni, **Yaohang Li**, “*Computational Infrastructure for Parallel, Distributed, and Grid-based Monte Carlo Computations*,” Proceedings of the Fourth International Conference on Large-Scale Scientific Computations (LSSC03), Sozopol, Bulgaria, Lecture Notes in Computer Sciences, **2907**: 39-52, 2003.
- [5] **Yaohang Li**, M. Mascagni, R. van Engelen “*GCIMCA: A Globus and SPRNG Implementation of a Grid Computing Infrastructure for Monte Carlo Applications*,” Proceeding of the International Multiconference in Computer Science and Computer Engineering, (PDPTA03), 2003.
- [4] **Yaohang Li**, M. Mascagni, “*Improving Performance via Computational Replication on a Large-Scale Computational Grid*,” proceedings of the GP2PC at the IEEE/ACM International Symposium on Cluster Computing and the Grid, IEEE/ACM (CCGRID03), Tokyo, 2003.
- [3] **Yaohang Li**, M. Mascagni, “*Grid-based Monte Carlo Applications*,” Lecture Notes in Computer Science, **2536**:13-24, Grid Computing Third International Workshop/Conference, (GRID02), Baltimore, 2002.
- [2] **Yaohang Li**, A. Ali, “*Neural Network in Business Application*”, Proceedings of IEMS'99 International Conference, Cocoa Beach, FL, 1999.
- [1] **Yaohang Li**, M. Mascagni, “*A Distributed Monte Carlo Integration Tool*”, Proceedings of the First Southern Symposium on Computing, Hattiesburg, MS, 1998.

**TECHNICAL PAPER:**

- [1] **Yaohang Li**, “*Computational Measure of Uniformity*,” Technical Report 000704, Dept. of Computer Science, Florida State University, 2000.

**GRANTS AND CONTRACTS:**

**National Science Foundation**

Yaohang Li, \$1,000,000, Co-PI, (PI: Yong-Duan Song), 10/1/2004~9/30/2007

Proposal Title: Biologically-inspired Adaptive and Reconfigurable Systems: Modeling, Synthesis, and Simulation

**Army Research Laboratory**

Yaohang Li, \$600,000, Co-PI, (PI: Yong-Duan Song), 7/1/2004~7/1/2007

Proposal Title: Bio-inspired Control System for Unmanned Grounded Vehicle

**Appalachian State University (University of North Carolina, Office of the President)**

Yaohang Li, \$45,143, PI, 7/1/2004~7/1/2006

Proposal Title: A Consortium to Promote Computational Science and High Performance Computing

**Oak Ridge National Laboratory, Department of Energy**

Yaohang Li, \$22,336, PI, 5/1/2004~5/1/2005

Proposal Title: Protein Structure Prediction Research

**University of North Carolina General Administration**

Yaohang Li, \$50,000, PI, 6/1/2004~6/1/2005

Proposal Title: Building an NCAT Campus Grid

**Oak Ridge Associated Universities, Ralph E. Powe Young Faculty Enhancement Award**

Yaohang Li, \$5,000, PI, 5/1/2005~5/1/2006

Proposal Title: Advanced Global Optimization Approaches for High-Resolution Protein Structure Modeling

**North Carolina A&T State University, Futures Venture**

Yaohang Li, \$15,000, PI, 7/1/2006~7/1/2007

Proposal Title: Improve NC A&T IT Infrastructure with Grid Computing

**National Oceanic and Atmospheric Administration**

Yaohang Li, \$13,500,000, Co-PI, (PI: Solomon Billign), 9/1/2006~8/31/2011

Proposal Title: NOAA Interdisciplinary Scientific Environmental Technology (ISET) Cooperative Research and Education Center

**National Security Agency**

Yaohang Li, \$58,576, Co-PI, (PI: Xiaohong Yuan), 7/1/2007~6/31/2008

Proposal Title: Integrating Software System Security Evaluation into Computer Science Curriculum

**National Science Foundation**

Yaohang Li, \$18,045, PI, (Collaborative PIs: Clayton Ferner, UNC-Wilmington, Barry Wilkinson, UNCC), 7/1/2008~6/30/2010

Proposal Title: Collaborative Research: Enhancing Teaching of Grid Computing to Undergraduate Students by using a Workflow Editor

**National Science Foundation**

Yaohang Li, \$90,000, PI, 9/1/2008~8/31/2009

Proposal Title: A Novel Multi-Scoring Functions Sampling Approach to Improve Protein Modeling Resolution and its Applications in Protein Loop Structure Prediction

**National Science Foundation**

Yaohang Li, \$384,330, co-PI, (PI: Kenneth Flurchick), 9/1/2009~8/31/2012

Proposal Title: MRI/Acq: Proposal for support for the Consortium for Research Computing for the Sciences, Engineering and Technology -CRCSET

**National Science Foundation**

Yaohang Li, \$400,000, PI, 8/1/2009~7/31/2014

Proposal Title: CAREER: Novel Sampling Approaches for Protein Modeling Applications

**INVITED TALKS:** **Florida State University**, Department of Computer Science “Grad Made Good” presentation, “*From Seminole to Aggie: The Development of My Academic Career*,” Tallahassee, FL, Oct. 30, 2009.

**University of North Carolina, Charlotte**, “*Hybrid Parallel Tempering/Simulated Annealing and its Applications in ab initio Protein Folding*,” Charlotte, NC, Nov. 3, 2006.

**Partners in Technologies, Oak Ridge Associated Universities**, “*Parallel Tempering in Rosetta Practice*,” Oak Ridge, TN, Apr. 21, 2005.

**IBM University Day**, “*Protein Folding on the Campus Grid*,” Raleigh, NC, Oct. 15, 2004.

**Oak Ridge National Laboratory**, “*Grid-based Monte Carlo Applications*,” Oak Ridge, TN, USA, Jan. 24, 2003.

**AVID LLC**, “*Global Optimization Methods*,” Blacksburg, VA, Dec. 27, 2004.

**South China University of Technology**, “*Grid Computing Infrastructure for Monte Carlo Applications*,” Guangzhou, China, Jun. 18, 2002.

<b>TEACHING EXPERIENCE:</b>	<b>North Carolina A&amp;T State University</b>	<b>Greensboro, NC</b>
Spring, 2010	Assistant/Associate Professor, Department of Computer Science	
	COMP450 Operating Systems	
	COMP467 Database Design	
Fall, 2009	COMP467 Database Design	
	COMP690 Introduction to Grid Computing	
Spring, 2009	COMP467 Database Design	
	COMP750 Distributed Systems	
Fall, 2008	COMP476 Networked Computer Systems	
	COMP467 Database Design	
	COMP690 Wireless Sensor Network	
	COMP690 Introduction to Grid Computing	
Spring, 2008	COMP467 Database Design	
	COMP750 Distributed Systems	
Fall, 2007	COMP467 Database Design	
	COMP755 Advanced Operating Systems	
Spring, 2007	COMP467 Database Design	
	COMP690 Fundamental of Natural Computing	
Fall, 2006	GEEN163 Introduction to Computer Programming	
	COMP755 Advanced Operating Systems	
Spring, 2006	COMP790 High Performance Computing and Monte Carlo Methods	
	COMP645 Artificial Intelligence	
	COMP445 Introduction to Artificial Intelligence	
Fall, 2005	COMP755 Advanced Operating Systems	
	COMP750 Distributed Systems	
Spring, 2005	COMP755 Advanced Operating Systems	
	COMP790 High Performance Computing and Monte Carlo Methods	
Fall, 2004	COMP750 Distributed Systems	
	COMP740 Advanced Artificial Intelligence	
	COMP467 Database Design	
Spring, 2004	COMP445 Introduction to Artificial Intelligence	
	COMP645 Artificial Intelligence	
	COMP467 Database Design	
Fall, 2003	COMP467 Database Design (2 sections)	
	<b>Florida State University</b>	<b>Tallahassee, FL</b>
	Instructor, Department of Computer Science	
Spring, 2003	CGS3460 FORTRAN for Non-specialist	
	<b>University of Salzburg</b>	<b>Salzburg, Austria</b>
	Teaching Assistant, Department of Scientific Computing	
Spring, 2002	Graduate course “Concrete Mathematics”	

Graduate course “Advanced Topics in Monte Carlo Methods”

<b>STUDENTS GRADUATED:</b>	Daniel Chen	Master’s Thesis	Fall, 2004
	William Mirugi	Master’s Thesis	Spring, 2005
	Rogelio Roper	Master’s Project	Spring, 2005
	Tao Dong	Master’s Thesis	Fall, 2005
	Jason Clark	Master’s Thesis	Spring, 2006
	Willie Gilchrist	Master’s Project	Spring, 2006
	Karlid Bazarri	Master’s Project	Spring, 2006
	Lisa Sims	Master’s Thesis	Fall, 2006
	Shawn Gunthrop	Master’s Project	Spring, 2007
	Zonghong Han	Master’s Thesis	Fall, 2007
	Michael Burns	Master’s Project	Fall, 2007
	Stephan Hudson	Master’s Thesis	Spring, 2008
	Avery Harvey	Master’s Project	Spring, 2009
	Douglas Wardell	Master’s Thesis	Fall, 2009
	Cheickna Baber	Master’s Thesis	Fall, 2009
	Richard Messick	Master’s Thesis	Spring, 2010
	Kawana Fuller	Master’s Project	Spring, 2010
<b>UNIVERSITY SERVICES:</b>	<b>Curriculum Committee Chair</b>		2005~present
	Department of Computer Science, North Carolina A&T State University		
	<b>Curriculum Committee Member</b>		2005~present
	College of Engineering, North Carolina A&T State University		
	<b>IT Committee Member</b>		2007~present
	Representative of North Carolina A&T State University at SURA Grid		
	<b>Computational Science and Engineering Program Member</b>		2004~present
	North Carolina A&T State University		
	<b>Graduate Study Committee Member</b>		2003~present
	North Carolina A&T State University		
	<b>Curriculum Committee Member</b>		2003~2005
	Department of Computer Science, North Carolina A&T State University		
	<b>Department Webmaster</b>		2003~2005
	Department of Computer Science, North Carolina A&T State University		
<b>AFFILIATIONS:</b>	IEEE		
	ACM		
<b>LANGUAGES:</b>	Fluent in English, Chinese, and Cantonese		
	Can function a little bit in German and Japanese		