

Two-Page Curriculum Vitae
John A. Miller
 Department of Computer Science
 The University of Georgia

Professional Preparation

Northwestern University	Applied Mathematics	B.S.	1980
Georgia Institute of Technology	Information & Computer Science	M.S.	1982
Georgia Institute of Technology	Information & Computer Science	Ph.D.	1986

Appointments

Professor	Computer Science	University of Georgia	2000-
Graduate Coordinator	Computer Science	University of Georgia	1995-2003
Associate Professor	Computer Science	University of Georgia	1993-2000
Assistant Professor	Computer Science	University of Georgia	1986-1993
Grad. Teaching Assist.	Info. & Comp. Sc.	Georgia Tech	1985-1986
Grad. Research Assist.	Info. & Comp. Sc.	Georgia Tech	1980-1984
Programmer (Co-op)	Plasma Physics Lab.	Princeton University	1977-1979

Publications

Closely Related Publications

- S. Sipani, J.A. Miller, K. Verma and B. Aleman-Meza, "Designing a High Performance Database Engine for the 'Db4XML' Native XML Database System," *Journal of Systems and Software*, Vol. 69, No. 1 (January 2004) pp. 87-104.
- S. Chandrasekaran, J.A. Miller, G. Silver, I.B. Arpinar and A.P. Sheth, "Performance Analysis and Simulation of Composite Web Services," *Electronic Markets: The International Journal*, Special Issue on Web Services, Vol. 13, No. 2 (June 2003) pp. 120-132.
- K.J. Kochut, J. Arnold, A.P. Sheth, J.A. Miller, E.T. Kraemer, I.B. Arpinar and J. Cardoso, "IntelliGEN: A Distributed Workflow System for Discovering Protein-Protein Interactions," *Distributed and Parallel Databases, An International Journal*, Special Issue on Bioinformatics, Vol. 13, No. 1 (January 2003) pp. 43-72.
- J.A. Miller, A.F. Seila and X. Xiang, "The JSIM Web-Based Simulation Environment," *Future Generation Computer Systems*, Special Issue on Web-Based Modeling and Simulation, Vol. 17, No. 2 (October 2000) pp. 119-133.

- J.A. Miller and N.D. Griffeth, “Performance of Time Warp Protocols for Transaction Management in Object-Oriented Systems,” *International Journal in Computer Simulation*, Vol. 4, No. 3 (July 1994) pp. 259-282.

Other Significant Publications

- J. Cardoso, A.P. Sheth, J.A. Miller, J. Arnold and K.J. Kochut, “Quality of Service for Workflows and Web Service Processes,” *Journal of Web Semantics: Science, Services and Agents on the World Wide Web*, Vol. 1, No. 3 (April 2004) pp. 281-308.
- S. Staab, W. van der Aalst, V.R. Benjamins, A.P. Sheth, J.A. Miller, C. Bussler, A. Maedche, D. Fensel and D. Gannon, “Web Services: Been There, Done That?” *IEEE Intelligent Systems*, Vol. 18, No. 1 (January/February 2003) pp. 72-85.
- J.A. Miller, P.A. Fishwick, S.J.E. Taylor, P. Benjamin and B. Szymanski, “Research and Commercial Opportunities in Web-Based Simulation,” *Simulation Practice and Theory*, Special Issue on Web-Based Simulation, Vol. 8, No. 8 (June 2001) pp. 529-546.
- J.A. Miller, D. Palaniswami, A.P. Sheth, K.J. Kochut and H. Singh, “WebWork: METEOR2’s Web-Based Workflow Management System,” *Journal of Intelligent Information Systems*, Special Issue on Workflow Management Systems, Vol. 10, No. 2 (March/April 1998) pp. 185-215.
- J.A. Miller, A.P. Sheth, K.J. Kochut and X. Wang, “CORBA-Based Run-Time Architectures for Workflow Management Systems,” *Journal of Database Management*, Special Issue on Multidatabases, Vol. 7, No. 1 (Winter 1996) pp. 16-27.

Synergistic Activities

- Editorial Board Member: *Journal of Simulation (JOS)*, 2005-.
- Editorial Board Member: *Int. Journal of Simulation and Process Modelling (IJSPM)*, 2004-.
- Associate Editor: *ACM Transactions on Modeling and Computer Simulation (TOMACS)* 1999-.
- Associate Editor: *IEEE Transactions on Systems, Man and Cybernetics (TSMC)* 1999-.
- Program Chair: The 39th Annual ACM Southeast Conference (Mar 2001).

Collaborators & Other Affiliations

- Collaborators: J. Arnold (U. Georgia), I.B. Arpinar (U. Georgia), J. Cardoso (SAP), P.A. Fishwick (U. Florida), M. Hybinette (U. Georgia), J.C. Kissinger (U. Georgia), K.J. Kochut (U. Georgia), E.T. Kraemer (U. Georgia), W.D. Potter (U. Georgia), A.F. Seila (U. Georgia), A.P. Sheth (Wright State), K. Verma (Accenture), W.S. York (U. Georgia).
- Graduate Advisor: N.D. Griffeth (City University of New York).
- Thesis Advisor (2004-2008): Ph.D.: Z. Wang, K. Verma; M.S.: S.S. Nimmagadda, R. Narra, J.D. Lathem, R.S. Patterson, I. Vasquez, K. Li, W.H. Milnor, Z. Zhang, R. Mulye, P.L. Rajasekaran, R. Aggarwal. Total of 13 (2004-2008), 55 (1988-2008).