

Andrew J. Younge

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CITIZENSHIP	USA	
RESEARCH INTERESTS	Cloud Computing, Green IT, Grid Computing, High Throughput Computing, Distributed Systems, Wireless Sensor Networks	
EDUCATION	Indiana University , Bloomington, Indiana USA Ph.D (expected), Computer Science	Apr 2010 – present
	Rochester Institute of Technology , Rochester, New York USA M.S., Computer Science B.S., Computer Science	Aug 2008 – May 2010 Aug 2004 – May 2008
EXPERIENCE	Indiana University , Bloomington, Indiana USA Researcher	Apr 2010 – present
	Rochester Institute of Technology , Rochester, New York USA Graduate Researcher Research Assistant Student Lab Instructor	Jun 2008 – Mar 2010 Jun 2007 – Sep 2008 Jun 2005 – Sep 2006
	University of Maryland , College Park, Maryland USA Research Assistant	Nov 2006 – May 2007
	iD Tech Camps , Moraga, California USA Lead Instructor	Jun 2006 – Aug 2006
	R. K. Hite Co. Inc , Rochester, New York USA I.T. Support	2003, 2006
AWARDS	Indiana University Research Scholarship Rochester Institute of Technology Research Scholarship Rochester Institute of Technology Academic Scholarship Rochester Institute of Technology Deans List ACM/IEEE Supercomputing Student Volunteer – SCinet Team IEEE Cluster NSF Student Scholarship Open Science Grid International Summer School on Grid Computing International Supercomputing Conference Student Volunteer	2010 – 2011 2008 – 2010 2006 – 2008 2004 – 2008 Nov 2009 Aug 2009 Jul 2009 2009 – 2010
PUBLICATIONS	L. Wang, G. von Laszewski, A. J. Younge , X. He, M. Kunze, and J. Tao, Cloud Computing: A Perspective Study, <i>New Generation Computing</i> , vol. 28, no. 2, pg. 137–146, 2010. N. DiFonzo, M. J. Bourgeois, J. M. Suls, C. Homan, A. J. Younge , N. Schwab, M. Frazee, S. Brougher, and K. Harter, Network Segmentation and Group Segregation Effects on Defensive Rumor Belief Bias and Self Organization,” in <i>The George Gerbner</i>	

Conference on Communication, Conflict, and Aggression. Budapest, Hungary: May, 2010.

N. Stupak, N. DiFonzo, **A. J. Younge**, and C. Homan, "SOCIALSENSE: Graphical User Interface Design Considerations for Social Network Experiment Software," in Computers in Human Behavior, Jan. 2010.

L. Wang, G. von Laszewski, J. Dayal, X. He, **A. J. Younge**, and T. Furlani. "Towards Thermal Aware Workload Scheduling in a Data Center," in 10th International Symposium on Pervasive Systems, Algorithms and Networks (IS-PAN2009). Kao-Hsiung, Taiwan: Dec. 2009.

G. von Laszewski, L. Wang, **A. J. Younge**, and X. He, Power-Aware Scheduling of Virtual Machines in DVFS-Enabled Clusters, IEEE Cluster, 2009. New Orleans, LA USA: Sep, 2009.

G. von Laszewski, **A. J. Younge**, X. He, K. Mahinthakumar, and L. Wang, Experiment and Workflow Management Using Cyberaide Shell, in 4th International Workshop on Workow Systems in e-Science with 9th IEEE International Symposium on Cluster Computing and the Grid. IEEE, May. 2009.

G. von Laszewski, F. Wang, **A. J. Younge**, X. He, Z. Guo, and M. Pierce, Cyberaide Javascript: A Javascript Commodity Grid Kit, in Grid Computing Environments 2008 at SC08. Austin, TX: IEEE, Nov. 2008.

G. von Laszewski, F. Wang, **A. J. Younge**, Z. Guo, and M. Pierce, Javascript Grid Abstractions, in Proceedings of the Grid Computing Environments 2007 at SC07, Reno, NV: IEEE, Nov. 2007.

POSTERS &
EXTENDED
ABSTRACTS

A. J. Younge, X. He, F. Wang, L. Wang and G. von Laszewski, "Cyberaide Shell Prototype," in ISSGC 2009, Jul. 2009.

A. J. Younge, X. He, F. Wang, L. Wang and G. von Laszewski, "Towards a Cyberaide Shell for the TeraGrid," in TeraGrid Conference, Jun. 2009.

TECHNICAL SKILLS

Programming Languages: Java, C, C++, Perl, PHP, Python, x86 Assembly Language, VHDL, Bash scripting

Other Languages: SQL, XML, JSON, XHTML, HTML

Software Development Tools: VI, Eclipse, Matlab, xCode, Visual Studio, Emacs, Dreamweaver

Authoring Applications: L^AT_EX, Microsoft Office, OpenOffice and other common productivity packages for Linux, OS X, and Windows platforms

Operating Systems: All GNU/Linux variants with specialization in Debian/Ubuntu, Solaris, FreeBSD, Apple OS X, Microsoft Windows 7/Vista/XP/2000