

Mario J. Badr

CONTACT INFORMATION	The Edward S. Rogers Department of Electrical and Computer Engineering 10 King's College Road, Toronto, ON M5S 3G4 Canada University of Toronto	
EDUCATION	University of Toronto , Toronto, Ontario, Canada Ph.D., Computer Engineering, September, 2013 - Present Dissertation: "Developing Novel Evaluation Methodologies for Assessing Multi-Threaded Applications" Advisor: Natalie Enright Jerger University of Toronto , Toronto, Ontario, Canada M.A.Sc, Computer Engineering, January, 2014 Thesis: "Synthetic Traffic Models That Capture Cache Coherent Behaviour" Advisor: Natalie Enright Jerger University of Toronto , Toronto, Ontario, Canada B.A.Sc, Electrical Engineering, May, 2011	
PEER-REVIEWED PUBLICATIONS	Joshua San Miguel, Mario Badr , and Natalie Enright Jerger. Load Value Approximation In Proceedings of the International Symposium on Microarchitecture (MICRO), to appear, December 2014. (acceptance rate: 19%) Mario Badr and Natalie Enright Jerger. SynFull: Synthetic Traffic Models Capturing a Full Range of Cache Coherence Behaviour. In Proceedings of the International Symposium on Computer Architecture (ISCA), June 2014. (acceptance rate: 18%)	
INDUSTRY EXPERIENCE	Environment Canada , Toronto, Ontario Canada <i>Intern</i> <i>June, 2009 - August, 2010</i> Implemented new features and bug fixes for the NinJo workstation, a java-based tool for meteorologists. Notable projects include upgrading the visualization framework for lightning strikes to be faster and use significantly less memory, incorporating storm cell data for Canada, and helping to create a configurable view of weather data for a given storm cell.	
SCHOLARSHIPS & AWARDS	SGS Conference Grant - \$880 <i>2014</i> TD Bank Higher Education Award - \$3,800 <i>2007</i>	
UNIVERSITY SERVICE	Member Bargaining Support Committee, <i>January - April, 2014</i> Steward Canadian Union of Public Employees, <i>2013-2014</i> Social Event Coordinator Electrical and Computer Engineering Graduate Student Society, <i>2012-2013</i>	