

Murali Mani

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EDUCATION

PhD, Computer Science, Jul 2003 (PhD Thesis: Data Modeling using XML Schemas, Advisor: Richard R. Muntz)	University of California, Los Angeles
MS, Computer Science, Mar 2000	University of California, Los Angeles
BTech, Computer Science and Engineering, Jun 1998	IIT, Madras, INDIA

WORK EXPERIENCE

Research Scientist, BloomReach	Jul 2015 – Aug 2015
Associate Professor, CSEP Dept, UM-Flint	Sep 2014 - Present
Assistant Professor, CSEP Dept, UM-Flint	Jan 2010 – Aug 2014
Assistant Professor, Computer Science Dept, WPI	Jul 2003 – Dec 2009
Research Assistant, UCLA	Sep 1998 – Jun 2003
Intern, IBM Almaden	Jun 1999 – Mar 2000, Jun 2000 – Dec 2000
Teaching Assistant, UCLA	Jan 2002 – Mar 2003, Jan 2000 – Jun 2000
Teaching Assistant, IIT Madras	Spring 1998, Fall 1997

SIGNIFICANT LEADERSHIP ROLES AT UNIVERSITY OF MICHIGAN, FLINT

Associate Chair of Computer Science, UM-Flint	Jul 2015 – Present
Undergraduate Program Director of Computer Science (without title), University of Michigan, Flint	Jan 2014 – Jun 2015

OTHER NOTABLE SERVICE TO UNIVERSITY OF MICHIGAN, FLINT

- Chair of Faculty Search Committees multiple times from 2011 – 2015.
- Mentor and CAS representative in the Faculty Mentoring Program, 2014 – 2015.
- Judge for UM-Flint U-Make competition held at Innovation Incubator on Apr 30, 2015.
- Honors Program Advisor for CIS and CSC programs.
- Speaker at the International Student Orientation.
- Speaker at New Faculty Orientation, Aug 26, 2014.
- Member of CAS Task Force on Strategic Initiatives, Dec 2013 – May 2014.

NOTABLE SERVICE TO PROFESSION

- Panel Moderator, “Importance of STEM Education for Women”, Michigan Women’s commission, April 9, 2014.
- Information Chair, ACM SIGMOD 2009
- Program Committee Member: VLDB 2014; ACM DEBS 2013; ICDM PhD Workshop 2013; EDBT 2012; IEEE ICDM 2009 - 2010; XML Symposium (XSym) 2010; ACM CIKM 2007 – 2009; ACM CIKM PhD Workshop 2007; WISE (multiple times latest being 2012, 2013); ER Conference; ODBASE Conference; WIDM; XSDM Workshop (held in conjunction with ICDE); PDMST (P2P Data Management, Security and Trust); ICDCIT (International Conference on Distributed Computing and Internet Technology); XANTEC (International Workshop on XML Data Management Tools and Techniques)
- Referee: ACM TODS, ACM TOIT, ACM TOIS, TKDE, IPL (Information Processing Letters), DKE, AIEDAM
- NSF Panel Member: Nov 2003, Jun 2004, Jun 2006, Jan 2008, Feb 2009, Mar 2011, Aug 2012
- Organization of Colloquia: NEDS (New England Database Seminar) with Prof. Michael Kifer (Feb 11, 2005); Computer Science Department, WPI Colloquia with Prof. Bruce Croft (Apr 2008), Donghui Zhang (Apr 2006), Sanjay Madria (Apr 2005), Michael Kifer (Feb 2005), Michael Sperberg McQueen (Fall 2004), David Booth (Spring 2004)
- Started Database Research group at University of Michigan Flint. Also helped start database research group at UCLA.

RESEARCH AND SCHOLARSHIP

The significant research problems I have investigated include the following:

- Provenance.
- Query processing of encrypted data.
- Event stream processing, XML stream processing.
- Data modeling using XML schemas.
- Effective computer science education.
- At BloomReach, I worked on clickstream analytics.

My significant publications are listed on DBLP at: <http://dblp.uni-trier.de/pers/hd/m/Mani:Murali>

PROFESSIONAL AFFILIATIONS

- ACM, Life Time Member
- Member of DBWorld mailing list
- Member of several academic and industry mailing lists including HTML5 mailing list, postgresSQL mailing list, Oracle developers mailing list, XML Developers mailing list and Dev-C++ mailing list.

SIGNIFICANT AWARDS/NOMINATIONS RECEIVED:

- Alvin D. Loving Junior Faculty Initiative Award, 2014
- Nominated for the Dr. Matthew Hilton-Watson Distinguished Professor Award, 2012 and 2014.