

GREGORY R. WATSON

CURRICULUM VITAE

EDUCATION

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| 2000 | Doctor of Philosophy, School of Computer Science and Software Engineering, Monash University |
| 1985 | Bachelor of Science with First Class Honours (Information Science), Department of Computer Science, University of Tasmania |
| 1984 | Bachelor of Science, Department of Computer Science, University of Tasmania |

SUMMARY OF WORK EXPERIENCE

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| 2016- | Senior Research Scientist, Computer Science Research Group, Oak Ridge National Laboratory |
| 2014-2017 | Adjunct Professor, NYU Center for Data Science |
| 2010-2016 | HPC Tools Architect, Cross Platform Software, System & Technology Group, IBM Corporation |
| 2007-2010 | Project Leader, Eclipse Parallel Tools Platform, High Productivity Computing Group, T.J. Watson Research Center, IBM Corporation |
| 2006-2007 | Team Leader, Cluster Research Team, Advanced Computing Laboratory, Los Alamos National Laboratory |
| 2002-2006 | Technical Staff Member, Advanced Computing Laboratory, Los Alamos National Laboratory |
| 2000-2002 | Senior Research Fellow, School of Computer Science and Software Engineering, Monash University |
| 1997-2000 | Research Fellow, School of Computer Science and Software Engineering, Monash University |
| 1994-1997 | General Manager, Queensland Parallel Supercomputing Facility |
| 1991-1994 | Manager, Corporate Computer Systems, Division of Information Services, Griffith University |
| 1988-1991 | UNIX and Networking Consultant, Information Technology Centre, Griffith University |
| 1986-1988 | Research Programmer, Department of Computer Science, University of Tasmania |

AWARDS

- R&D 100 award for the “Clustermatic” project to develop the world’s first 2000+ CPU cluster system (2004)
- Los Alamos Achievement Award (2003, 2004, 2006)
- ClusterWorld Excellence in Clustering Technology (2004)
- Defence Program Award of Excellence (2002, 2003)
- Prime Computer prize for the greatest proficiency in honors-level study in the subject of Information Science (1986)

RESEARCH CONTRACTS

- NFS award #1047956, October 2010 – September 2013, “SI2-SSI: A Productive and Accessible Development Workbench for HPC Applications Using the Eclipse Parallel Tools Platform”, PI: Jay Alameda (NCSA), co-PI: Steven Brandt (LSU), co-PI: Allen D Maloney (UO), co-PI: Marc Snir (Illinois), co-PI: Gregory Watson (IBM). Amount awarded: \$1,434,000
- DOE Office of Science award ER25928, January 2009 – December 2011, “A Scalable Development Environment for Peta-Scale Computing”, PI: Gregory Watson, co-PI: Jeremy C. Smith (ORNL), co-PI: Randy Roberts (LANL), co-PI: Wolfgang Frings (JSC), co-PI: David Abramson (Monash). Amount awarded: \$1,152,000

ACHIEVEMENTS AND COMMUNITY CONTRIBUTIONS

- Project Leader of the Eclipse Science Top Level Project (<http://science.eclipse.org>)
- Project Leader of the Eclipse Parallel Tools Platform project (<http://eclipse.org/ptp>)
- Member of the Eclipse Tools Project Management Committee (<http://projects.eclipse.org/projects/tools/developers>)
- Founding member of the Scalable Tools Communication Infrastructure project (<http://stci.wikidot.com>)
- Contributor of the PowerPC port to the Coreboot project (previously known as LinuxBIOS) (<http://www.coreboot.org>)
- Contributor to the v9fs project (<http://v9fs.sourceforge.net>)
- Past-Chair of the auDA Foundation (<http://www.audafoundation.org.au>)
- Founding board member and past-Chair of the auDA, the Australia Domain Name Administration (<http://www.auda.org.au/board/members>)
- Past-President and Director of the Internet Society of Australia (<http://www.isoc-au.org.au/Organisation/PastDirs.html>)