Personal Contact Details:

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Current Position: PhD Candidate, (thesis submitted and accepted subject to minor revisions), School of Computer Science, ANU College of Engineering and Computer Science, The Australian National University.

Academic Qualifications:

2001	BSc (hons) first class	Department of Mathematics	University of Tasmania, Australia
1999	BSc	Department of Mathematics	University of Tasmania, Australia

Theses:

PhD	*The Meaning of UML Models*, submitted September 2008, accepted (minor revisions) March 2009
Hons	*Logical Foundations for Inconsistent Mathematics*, 2001

Academic Awards and Scholarships:

- Australian National University, "Endowment for Excellence" PhD scholarship, 2002;
- University of Tasmania, Faculty of Science, Dean's Roll of Excellence, 2001;
- Australian National University, Summer Research Scholarship, 2000;
- Australian National University, Logic Summer School Scholarship, 1999;
- University of Tasmania, Faculty of Science, Dean's Roll of Excellence, 1998;
- University of Tasmania, Alfred Houston Senior Philosophy Prize, 1998 (shared);
- University of Tasmania, Faculty of Science, Dean's Roll of Excellence, 1997;
- University of Tasmania, Alfred Houston Intermediate Philosophy Prize, 1997.

Refereeing Duties: I have reviewed two articles submitted to the International Joint Conference on Automated Reasoning, and one for Foundations of Software Technology and Theoretical Computer Science.

Teaching:

Lecturer, Australian National University 2007 - : Comp2400/Comp6240 Relational Databases, lecturer, course convenor and tutor, School of Computer Science;

Lecturer, Macquarie University 2006 - 2008: Lecturer, course convenor and tutor, Phil134 Introduction to Formal Logic, Department of Philosophy;

Tutor, Australian National University 2003 - : Comp1100 Introduction to Programming and Algorithms; Comp3110 Software Analysis and Design; Comp2600 Formal Methods in Software Engineering, School of Computer Science;

Tutor, University of Tasmania. 2001 - 2002: HPA291 Introduction to Logic, Department of Philosophy.

University Involvement

- "Customer" for School of Computer Science undergraduate software engineering project (2009): six students are building a UML animator based on my research
- Founding member "Sidecars" (2007-), a group convened by the Research Student Development Centre for early career academics.
- Formed and convened interdisciplinary reading groups on category theory(2003), and model driven software development(2004);

Non-academic Employment

Australia Post (2008 -) Part time, then casual, Postal Delivery Officer (motorcycle);

Social Security (1984 - 1996) Various positions including Computer Operator, Mainframe Production Controller, Shift Manager, Integration Testing Controller.

Publications

Refereed Conference Proceedings:

1. Improving the Definition of UML, *Proceedings of the ACM/IEEE 9th International Conference on Model Driven Engineering Languages and Systems (MoDELS) 2006*, Springer LNCS 4199, Pages 42-56
2. Dynamic Logic for UML Consistency, *Proceedings of the European Conference on Model Driven Engineering (ECMDA-FA) 2006*, Springer LNCS 4066, Pages 113-127
3. Towards a Readable Formalisation of Category Theory, *Proceedings of Computing: The Australasian Theory Symposium (CATS) 2004*, Pages 212-228, Vol. 91 Electronic Notes in Theoretical Computer Science, Elsevier

Other:

1. Category Theory to Yoneda's Lemma, *Archive of Formal Proofs*, `http://afp.sourceforge.org`, 2005
2. Book review of *The Unknowable* by Gregory Chaitin, Springer 1999 in *Studia Logica*, Vol. 20 no. 2, 2002, pp 299-302 6
3. *From Power Up to Bash Prompt*, Linux Documentation Project, `http://www.tldp.org`, 2000