

Education and Qualifications

- **2005 - 2008: MPhil/PhD in Computer Science at the University of Sheffield**
 - Research into a mobile timed process calculus.
 - PhD representative on the Engineering faculty and departmental board and student-staff liason committee (2007 on)
 - Seminar organiser (2007) and website maintainer (2007 on) for the Verification and Testing Group, involving promotion of events and liasing with external speakers
 - Organiser and chair of the Theory Special Interest Group and Concurrency Reading Group. (2006-2007)
 - Lab management and organisation of various social activities for the Verification and Testing research group (2005 on)
- **2001 - 2005: MComp (Hons.) in Computer Science at the University of Sheffield (First Class)**
 - Participation in a group research project (2004-2005), focusing on the Semantic Web, Semantic Web Services and their composition using a process calculus
 - Development of a full e-commerce web site with a fellow student (2004)
 - My dissertation work ‘*Web Services for Distributed Database Applications*’ (2003-2004)
 - Experience in working within a team on an industrial-scale project via involvement in the ‘Software Hut’ project (2003)

Work Experience

- **Sun Campus Ambassador, Sun Microsystems, October 2007 to May 2008**
 - Liasing with Sun employees, University staff and students with respect to Sun technology, and organising Sun technical demos on campus.
- **Demonstrating duties, University of Sheffield, 2005 onwards**
 - Significant teaching experience, including lecturing, student tutorial sessions, lab assistance and marking assignments

Publications

- HUGHES, A. A Framework for Mobile Java Applications. In *Proceedings of the International Conference on Principles and Practices of Programming in Java (PPPJ 2007)* (September 2007), no. 272 in the ACM International Conference Proceedings Series, pp. 243–248.
- HUGHES, A. Nomadic time (extended abstract). In *Proceedings of the PhD Programme at Relational Methods in Computer Science/Applications of Kleene Algebra (RelMiCS/AKA) 2006* (2006), R. Schmidt and G. Struth, Eds., no. CS-06-09 in University of Sheffield Technical Reports, pp. 60–64.

- NORTON, B., FOSTER, S., AND HUGHES, A. A compositional operational semantics for OWL-S. In *Proceedings of the 2nd International Workshop on Web Services and Formal Methods (WS-FM 2005)* (September 2005), no. 3670 in Lecture Notes in Computer Science, Springer-Verlag, pp. 303–317.

Free and Open Source Software Involvement

- OpenJDK Innovation Awards Finalist (Common Virtual Machine Layer project)
- Active member of the GNU Classpath¹ project (June 2004 on) including:
 - Release manager for the last two releases (0.96 and 0.97)
 - Sole creator and maintainer of Classpath’s Java management support (JMX) and the virtual machine implementation in both GCJ and JikesRVM
 - Selected student participant in Google’s Summer of Code (2006 and 2007)
 - Participation in the Classpath events at FOSDEM (Free and Open Source Developer’s European Meeting) 2007 and 2008 in Brussels
 - An 18 month period as maintainer of the ‘generics’ branch for Java 1.5 support, with a related talk at Manchester University
 - Associated contributions to JamVM (a Java virtual machine projects which uses Classpath) and GJDoc (a Java documentation tool)
- Core team member of the JikesRVM² project

Other Activities

- Talks at FOSDEM 2008, the Principles and Practices of Programming in Java Mobility workshop (PPPJ 2007), the British Colloquium for Theoretical Computer Science, the Relational Methods in Computer Science PhD workshop and the University of York (all 2006)
- Google Pizza Ambassador (January to June 2008)
- Participation in IBM’s ‘Top EMEA Student Recognition Event’ and ‘E-Business Workshop’ (Summer 2004)
- To relax, I swim, listen to a variety of music and socialise with friends

References

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 c/o Sun Microsystems Limited
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 Minley Road
 Blackwater
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 GU17 9QG
 England

¹A Free implementation of the Java class libraries

²A Java virtual machine, primarily aimed at the research community