Michael WALKER

PUBLICATIONS

ACM SIGPLAN **Sep 2015**, Déjà Fu: A Concurrency Testing Library for Haskell.
Michael Walker and Colin Runciman. In *ACM SIGPLAN Symposium on Haskell*.

EMPLOYMENT

University of York **Oct 2015–May 2016**, Postgraduate Teaching Assistant, *York*.
Assisted with the teaching of first-year introductory algorithms and data structures course.

University of York **Oct 2014–May 2015**, Postgraduate Teaching Assistant, *York*.
Assisted with the teaching of first-year introductory discrete mathematics course.

CoreFiling **Jul–Sep 2014**, Software Engineering Intern, *Oxford*.
Refactored an in-house wiki program, Reviki, in particular the development of a parser/renderer using ANTLR in Java and the integration of this renderer with JIRA.

EDUCATION

University of York **2014–present**, Doctor of Philosophy.
Expected to submit in 2017.

University of York **2010–2014**, Master of Engineering, *achieved 2:1*.
Dissertation on verification of stop-the-world garbage collectors.

PROJECTS

Free Software Contributions

Arch Hurd **2010–2015**, Project Leader. http://www.archhurd.org
Packaged and maintained software, managed small development team, produced bootable installation media. Currently maintain website and server.

Uzbl **2009**, Developer. http://www.uzbl.org
Helped with the implementation of early-stage functionality in a small development team.

Personal

BookDB **Personal library webapp**. https://github.com/barrucadu/bookdb
Maintains a database of books, keeping track of information such as the location and borrower of each book, and presents some statistics. Written in Haskell.

yukibot **IRC bot**. https://github.com/barrucadu/yukibot
A concurrent IRC bot capable of connecting to multiple networks simultaneously and responding to commands and events as they arise.

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